

# ECKERD COLLEGE

ST. PETERSBURG, FLORIDA



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C A T A L O G



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### *On the Cover*

The Trumpet Triton shell, *Charonia tritonis linne*, is a fitting symbol for the waterfront home of the Eckerd College Tritons.

## AN INTRODUCTION

Eckerd College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Bachelor of Arts and Bachelor of Science degrees. A coeducational college of the liberal arts and sciences, it is related by covenant to the Presbyterian Church (U.S.A.). The campus is located on 267 acres of tropical waterfront property in a suburban area of St. Petersburg, Florida.

The school was founded in 1958 as Florida Presbyterian College, and admitted its first students in 1960. In 1972 the college's name was changed to honor Jack M. Eckerd, a prominent Florida civic leader and businessman whose gifts and commitments to the institution have helped to insure its continuing excellence. More than 4,500 graduates are seeking to lead lives of leadership and service in communities throughout the world.



## **ECKERD COLLEGE BASIC COMMITMENTS**

This catalog is designed to give a comprehensive picture of Eckerd College. We are proud of what we have achieved, and welcome the reader to join us in an exciting and continuing educational adventure. As you read this document, you should be aware of certain basic commitments that have guided the college's history and planning. These commitments and the efforts to achieve them have enabled Eckerd College to be distinctive among the 3,000 colleges and universities in the United States.

### **THE COMMITMENT TO INDIVIDUAL DEVELOPMENT**

The primary purpose of the educational program is to foster the personal development of each student. We seek to prepare students for the basic responsibilities of life, and especially for competent, humane leadership and service. We are vitally concerned with the development of *whole* persons, and therefore encourage the intellectual, spiritual, cultural, social, emotional and physical growth of each student. While education is a lifelong process, the Eckerd experience is designed to assist students to go beyond the limitations imposed by ignorance, narrowness, conformity, self-centeredness, and irresponsibility. Our aims are to help individuals achieve excellence in thought and conduct; and to spark their imagination about future possibilities.

### **THE COMMITMENT TO CHRISTIAN VALUES**

Eckerd College seeks to combine the Christian faith and liberal education in the belief that a Christian college is better able to contribute to individual development than any other type of college. To give focus to its Christian commitment, the college maintains an active covenant relationship with the Presbyterian Church, (U.S.A.); however, the college community is not narrowly sectarian. It includes among its faculty, students and staff individuals of many denominations, faiths and points of view.

As a church-related college community, we seek to give the Christian faith a full hearing in a setting where students are free to accept or reject, but not ignore it. Confident in the belief that all truth is of God, we seek to develop an

atmosphere of free and open inquiry into all aspects of faith and knowledge. Our aim is to assist students to clarify their beliefs, assess their values, and learn to act responsibly on the basis of their convictions.

### **THE COMMITMENT OF FACULTY TO STUDENTS**

The relatively small size of the Eckerd student body allows numerous opportunities for close personal relationships between students and faculty. Each Eckerd student has a faculty academic adviser, known as a "Mentor," who seeks to facilitate the total growth of students and helps them to get the most out of their college years.

Because the faculty is committed to the primary importance of teaching, it has developed a reputation for excellence in the teaching of undergraduates. Many Eckerd College faculty members are engaged in primary scholarship and artistic creativity and wherever possible seek to involve students in these enterprises. The intention of the faculty is to provide an educational environment characterized by high expectation, personal attention and enthusiasm for learning.

### **THE COMMITMENT TO GENERAL EDUCATION**

While Eckerd College is committed to helping students develop competence in a specific field of study, it is equally committed to general education.

The general education program is designed to provide a foundation for lifelong learning by helping students to develop a love for learning, acquire an informed awareness of the major elements of their cultural heritage, explore various perspectives on the central concerns of human existence, assume increased responsibility for their own growth, and master the skills that are necessary to understand and deal with a rapidly changing and increasingly complex world.

The general education program for entering Freshmen is made up of the autumn term project, composition, computation, foreign language, and the Western Heritage sequence in the first year; one course in each of four value-oriented perspectives in the second and third year; and a course in the Judaeo-Christian perspective and an integrating issue-oriented seminar in the Senior year.

## THE COMMITMENT TO THE INTEGRATION OF LIBERAL ARTS AND CAREER PREPARATION

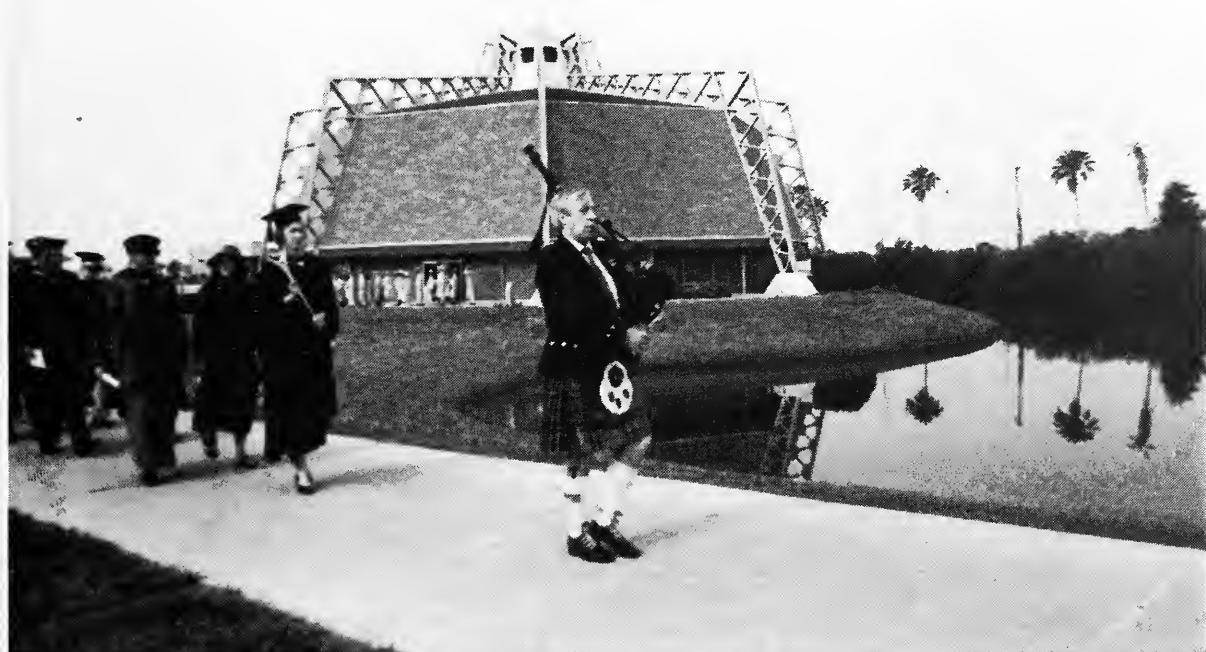
The commitment to individual development includes a commitment to helping students prepare themselves for a vocation. Through more than thirty formal majors and pre-professional programs, opportunities are available to develop the knowledge, skills and attitudes necessary for successful careers. In addition, through independent study and individually designed areas of concentration, students are encouraged to supplement and adapt the formal curriculum to their particular interests and aspirations.

The college recognizes that significant learning can occur in a variety of settings. Internships, jobs, and other off-campus learning experiences both in this country and abroad enable students to integrate theory and practice, and help them to clarify their values and career choices. Because they are committed to a participatory educational process, faculty engage students in the learning of science, theatre, management and other disciplines by *doing*. The aim is to assist each student to become a self-directed, competent, humane person capable of making a significant contribution to society.

## THE COMMITMENT TO HUMAN RELATIONSHIPS IN COMMUNITY

There is a rich diversity among Eckerd College students which is educationally desirable. Students come to campus from more than 40 states and 30 foreign countries. They enroll from urban, suburban and rural areas; from developed and developing countries; and from a variety of cultural, ethnic and religious backgrounds. The cosmopolitan nature of the Eckerd campus enriches the total educational experience as students learn from each other.

Built upon this diversity is a sense of community based upon common objectives, concerns and experiences. Academic interests provide the basis for a sense of community, which is enhanced by worship, student activities, athletic events, concerts, lectures and other opportunities for shared experiences. Because most students reside on campus, they have the enriched experiences that occur when people are learning both how to learn and how to live together.



## THE COMMITMENT TO BE A PACE-SETTING INSTITUTION

Eckerd College is nationally known for pioneering new programs designed to deal directly with the varying needs of college students. It has shown the will to improve education, and the vision and courage to take steps that will facilitate the growth of students. Many of its programs of interdisciplinary study, independent study, international education, values inquiry, and student orientation and advising have become models for other educational institutions. Within the context of its objectives as a church-related college of the liberal arts and sciences, it continues to seek better ways of meeting its commitments.

## A SHARED COMMITMENT

Every student upon entering Eckerd College is asked to sign a promise to uphold the following statement of Shared Commitment:

The choice to join the community of scholars of Eckerd College commits each student to the values embodied in the mission and objectives of this church-related college of liberal arts and sciences. Inherent in this commitment is the responsibility:

1. To use one's abilities and opportunities to pursue personal and academic growth and excellence.
2. To exercise respect for human dignity in attitudes and relationships.

3. To conduct oneself with integrity in academic work and as a citizen of the college community.
4. To respect the rights and property of other students and their need for an environment conducive to scholarly work.
5. To respect the rights and property of Eckerd College and to protect its reputation as a college of distinction with a student body of high quality.
6. To respect and learn from human differences and the diversity of ideas and opinions.
7. To seek out opportunities to prepare for a life of leadership and service.

Each student's commitment to these ideals obligates that student to abide by college regulations and to work with others to prevent the following behaviors that threaten the freedom and respect that members of the Eckerd community enjoy:

1. Academic dishonesty
2. Chronic interference with the right to study
3. Willful destruction of property
4. Theft
5. Personal violence
6. Bigotry
7. Disruptive intoxication

Thus all students share a commitment to excellence and to the creation of a college community in which they can take pride.



# THE ACADEMIC PROGRAM AT ECKERD COLLEGE

Since Eckerd College (then known as Florida Presbyterian College) opened its doors, it has earned a reputation for creating new and better opportunities for learning. Eckerd has been consistently rated among the foremost of American colleges and universities.

The college looks for superior methods of educating its students, not in order to be different, but to offer a more rewarding and useful educational experience.

For example, you have probably come across such expressions as "4-1-4," "winterim," "miniterm," "interim," or "winter term." (All of them mean essentially the same thing: separating the two terms of an academic year with a one-month period of study on a single topic.) The winter term is an Eckerd College concept. This innovation was created and tested first on the Eckerd College campus; then other colleges found it so exciting that they adopted it.

Since the creation of the winter term in 1960, Eckerd has discovered and implemented other innovative ways of teaching. Perhaps the best way of providing you with an understanding of the Eckerd experience is to take you on a "verbal tour" of the academic program.

## THE MENTOR

Shortly after you have been accepted as an Eckerd student, you will receive material about selection of a Mentor. The original Mentor was the guide and companion of Odysseus. As you are, in a sense, embarking on your odyssey, it is fitting that you have your own Mentor.

Throughout your career at Eckerd, you will have continuing support and counsel from a faculty Mentor, who is more than the conventional faculty adviser. Mentors are faculty members who have been specially trained to help you in your academic program, career planning, and personal growth. You choose your own Mentor before you enter Eckerd, from a descriptive list of Mentors and projects. In your Freshman year you will take at least one course from your Mentor, and together you will work out the rest of your academic program for the first academic year.

When you become an upperclass student, you may choose a new Mentor — a specialist in your area of academic concentration. The two

of you will continue to plan your academic program, including independent and directed studies, internships, off-campus programs, work experience, career planning, foreign study, and the many other options that Eckerd offers.

## THE ACADEMIC CALENDAR

Eckerd College follows a modified 4-1-4 calendar. The fall and spring semesters are fourteen weeks in length, and are each followed by examination periods. Courses during the semester are offered for the full fourteen weeks, and ordinarily a full-time student will enroll for four of these courses each semester.

The three-week autumn term for Freshmen occurs prior to the beginning of the fall semester, while the four week winter term (January) falls between the two regular semesters. During these shorter terms, students will enroll for no more than one academic project at a time. This format provides for independent investigation of a topic in a concentrated manner.

## THE AUTUMN TERM

As a Freshman, you will start your Eckerd College experience in mid-August, when you enroll for autumn term. In contrast to the usual Freshman orientation of two or three days, autumn term lasts three weeks. It is designed for Freshmen only, and provides an intensive foretaste of college living and academic work.

During autumn term you will take one academic project, for credit, from your Mentor. This project is stimulating in content, teaches basic academic skills, and focuses on the interdisciplinary nature of learning. The course will give you a clear idea of what is expected of you at Eckerd. Autumn term provides an excellent opportunity for certain kinds of interest and competency testing that will allow you to begin your academic program in courses that are best suited to your current stage of development.

You will also learn a great deal about living, working and playing in a college community. The student Resident Adviser in your residence hall will be on hand during autumn term to help you make the transition into college life. In fact, the entire staff of the college and the autumn term faculty will participate with you

in periods of inquiry, reflection and fun. The sense of community that develops will assist you to take full advantage of the opportunities and resources available on campus. By the time the upperclass students return in September, you will be well established in campus life.

For more information about autumn term see page 109.

## GENERAL EDUCATION

An important part of your studies throughout your career at Eckerd College will be in general education.

During your Freshman year you will take two classwide interdisciplinary courses called Western Heritage I and II that will explore the cultural riches of the past. Your discussion sections in these courses will be led by your Mentor. In addition you will be expected to demonstrate writing competency by assembling a portfolio of your collegiate writing for evaluation by the faculty; take one college level computation course or demonstrate competency by examination; and take one year of a foreign language or demonstrate competency at the first year by evaluation of the language faculty.

During your Sophomore and Junior years you will choose four courses, one from a list of options in each of four broad perspectives on human existence: the aesthetic, cross-cultural, environmental and social relations. The courses will be distributed over four collegia so as to provide involvement with significantly different modes of inquiry.

Seniors will take a course that will focus on contemporary issues from the Judaeo-Christian perspective, and a Senior seminar focusing on the search for solutions to important issues that they are likely to face during their lifetimes.

## WINTER TERM

Winter term is a special four-week period in January that emphasizes independent study. You may enroll in projects designed by professors, or design your own with the sponsorship of a professor.

All winter term projects must have strong academic merit. A typical project requires you to select a subject, gather information, organize it, and present it as a paper, a short story, a painting, a performance, or a piece of equipment. Freshmen may take a winter term in addition to autumn term, and substitute a fifth

winter term for one of the 32 courses required for graduation. The winter term in the Senior year is usually spent working on a comprehensive examination or senior thesis or project required for completion of a major.

Many colleges have followed Eckerd College's example in adopting a winter term program, making it possible to exchange students and to increase the range of projects offered. Eckerd College also cooperates with other 4-1-4 colleges in sponsoring winter term projects abroad or in major cities and interesting locations in the United States. Many winter term projects include at least eight contact hours per week, which meets the Veteran's Administration standards for full tuition benefits.

For more information about winter term see page 109.

## THE COLLEGIUM CONCEPT

During the past few years, educators have become aware that the traditional division of learning into academic "departments" is not necessarily the best way to organize the educational process. Increasingly popular among colleges is the interdisciplinary major, in which the student combines courses from two or more departments to form an individual academic program. At Eckerd, we have established interdisciplinary "collegia," which encourage new combinations of studies and demonstrate the interrelatedness of knowledge.

The word "collegium" goes back to medieval days, when it meant a fellowship of equals (i.e.; persons communicating without artificial obstacles to discourse) pursuing a common objective (which in Eckerd's case is learning). The word vividly describes what we are trying to do: to bring you (the student) together with a highly knowledgeable person (the professor) in an atmosphere where you can debate freely, challenge one another's viewpoints, learn together.

In a collegium, subjects are grouped according to the intellectual discipline required to master them. You learn mathematics and physics in similar ways, for example; but you learn dance differently, and a foreign language in still another way.

Eckerd faculty members choose to affiliate with a particular collegium, depending upon their approach to their subject. You will do the same. At the end of your Freshman year you will focus upon a major or area of concentration and affiliate with the collegium that best suits your perception of that study.

Your concentration does not have to lie in a single field, such as history or biology. You can create your own concentration by combining those studies that will help you achieve your career or professional goal. For example, if you wish to become an environmental economist, you can combine economics and biology, thus creating your own concentration to fit your own goal. The collegium concept makes this interdisciplinary approach to learning a natural one that is easy to accomplish.

Eckerd sees the members of a collegium — students and faculty alike — as partners in learning. Professors bring high expectation to the learning process; students are expected to become independent learners and researchers, able to take maximum advantage of their professors' strong qualifications. Each collegium has its own decision-making group, composed of professors and students, which gives students an important voice in the academic decisions of the college.

## THE FOUNDATIONS COLLEGIUM

Eckerd College provides a special, perhaps unique, program for all Freshmen through the Foundations Collegium. This is the first-year home for students, helping them to establish a foundation for their upper-level studies. The collegium's program includes four important parts:

**1. Autumn Term.** Freshmen arrive in mid-August to take a three-week course before the opening of the fall semester early in September.

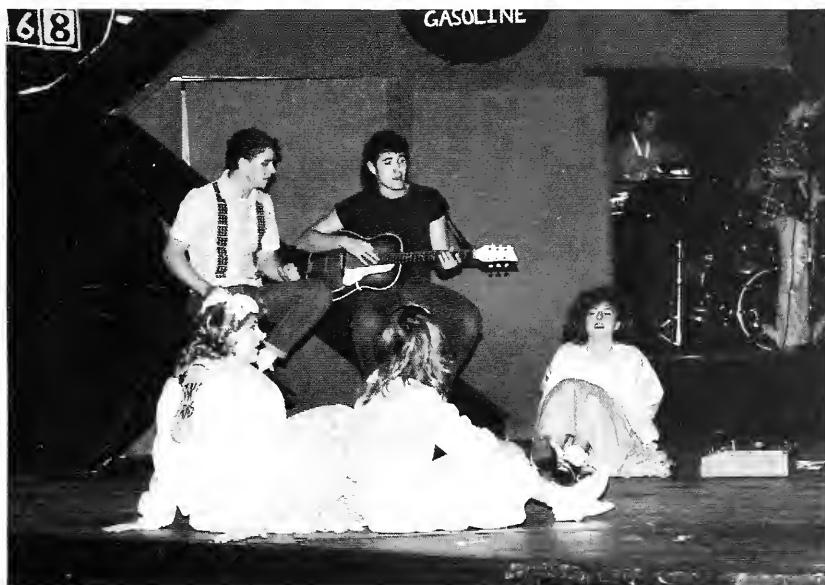
During this time, they also complete their testing, orientation, and registration. Freshmen choose from 18 projects limited to about 20 students each. The professor for that course will be the Mentor for those students.

**2. The Mentorship.** Eckerd College has expanded the notion of the academic adviser to allow more help, care, and encouragement to its students. Each Freshman has a Mentor from the faculty who helps to guide him or her through the Freshman year.

**3. Western Heritage.** All freshmen are required to take Western Heritage I (fall) and Western Heritage II (spring). These courses explore central concepts and materials of Western civilization and introduce Freshmen to the themes of Eckerd College's general education program, the aesthetic, cross-cultural, environmental, and social relations perspectives. Western Heritage courses are interdisciplinary, using lecture and discussion formats. The discussion sections are the same groups, with the same instructor, as the autumn term groups.

**4. Skills Development.** Every student must demonstrate proficiency, or take courses to develop skills, in composition, computation and foreign language. For more details see page 16 under Degree Requirements, and under Composition in the course listings. Foundations also provides a Writing Center to assist students with their writing.

At the end of the Freshman year, students choose an upper-level collegium and a new Mentor; any students still unsure of what to choose can get help from the Foundations office and/or Career Counseling.



## THE UPPER DIVISION COLLEGIA

### THE COLLEGIUM OF BEHAVIORAL SCIENCE

Members of the Behavioral Science Collegium believe that the urgent problems of today — racism, environmental pollution, overpopulation, world hunger and crime — are problems of human behavior. Therefore, there is much to be gained by developing methodological and conceptual tools to understand better both individual and collective behavior. Students will take introductory courses in psychology or sociology as well as a course in statistical methods. In addition, courses are available in the fields of economics, sociology, psychology, management, political science, business administration, finance, accounting and marketing.

### THE COLLEGIUM OF COMPARATIVE CULTURES

The Collegium of Comparative Cultures seeks to promote an understanding of the breadth of human cultural achievements through languages, area studies, anthropology, international business, and related disciplines. The Collegium serves as both a window and a gateway to the cultures of the world: a window for those who learn in the classroom from professors who have lived and studied in other cultures; a gateway for those who wish to visit these cultures after preparatory study on campus. Language study in French, German, Italian, Japanese, Spanish, or Russian can be integrated into a major program, an interdisciplinary concentration with another discipline (such as management, political science, or comparative literature), or it may simply serve to round out a student's liberal arts program. Anthropology allows students to learn about the peoples and cultures of the world, past and present, while becoming well versed in the research methods, theoretical perspectives (such as culture change) and practice applications of anthropology in today's world. Some students may decide to plan their studies around a particular area of the world. In such cases, the International Education office gives assistance in planning appropriate study-abroad experiences. Comparative Cultures graduates have chosen careers in teaching, interpreting, foreign service, religious vocations or international business.

### THE COLLEGIUM OF CREATIVE ARTS

Creative Arts Collegium faculty are dedicated to promoting the development of creativity in each person and the integration of the physical, emotional, intellectual, and spiritual dimensions of the self. Sharing a belief in the value of experiential learning, members of the Collegium recognize that students learn as much through experiencing the creative process as in the completion of a product. In addition to the programs in art, music, theatre, and creative writing, where students are encouraged to explore and express their talents within the context of freedom with responsibility, the Collegium includes the human development and education disciplines where learning to help others realize their full potential is the primary goal. Interdisciplinary study, independent work, and application of knowledge in the community are fostered in the Creative Arts Collegium.

### THE COLLEGIUM OF LETTERS

The Collegium of Letters is composed of students and faculty who have in common an interest in human beings, past and present — their history, literary and artistic products, religious commitments, political involvements, and philosophical groupings. The study of who we are by looking at what we are doing and the works and institutions created by our predecessors provides the relevance, vitality, and excitement of our program. This humane interest has value in and of itself. In addition, it provides a fundamental background for a wide variety of futures — vocational or through professional and graduate schools — as the experience of our graduates attests.

### THE COLLEGIUM OF NATURAL SCIENCES

The Collegium of Natural Sciences brings together biologists, chemists, environmentalists, earth scientists, marine scientists, computer scientists, mathematicians, physicists, and those interested in the health professions, including medicine, veterinary medicine, dentistry and medical technology.

The major emphasis of the Collegium is on the development of the skills of observation, experimental design, problem-solving, research and the study of the principles and concepts

that are necessary to successful scientific investigation. The programs in the natural sciences are geared to provide students with information and techniques that can be applied to the problems of a changing society.

## THE CO-CURRICULAR PROGRAM

Both to express and to implement the breadth of the college's educational mission, there are three co-curricular areas in which each student is expected to participate in significant ways during the undergraduate years: **service**, **career exploration**, and **physical activity**. Together, these areas of expected participation constitute the **co-curricular program**, which is intended to provide strong positive inducement for educational achievements that lie for the most part outside the formal academic curriculum, achievements that contribute directly to the college's goal of developing persons whose lives will be characterized by leadership and service. The expectations are as follows:

**Service.** Each student shall have and find opportunities on and off campus to engage in significant service activities that help the student to develop leadership and other interpersonal skills, make a significant contribution to the welfare of others and encourage a lifelong commitment to service.

**Career Exploration.** Each student shall have and find opportunities to explore in a systematic way the relationship of the undergraduate experience to the world of work and the student's occupational skill and interests, to apply and thus enhance acquired knowledge in career related situations, and to establish enduring beneficial relationships with persons engaged in occupations or professions related to the student's interests. Such opportunities include internships, practica, research, studio work, a variety of other practice-oriented experiences offered through the major or concentration or through other programs of the college, or self-initiated activities.

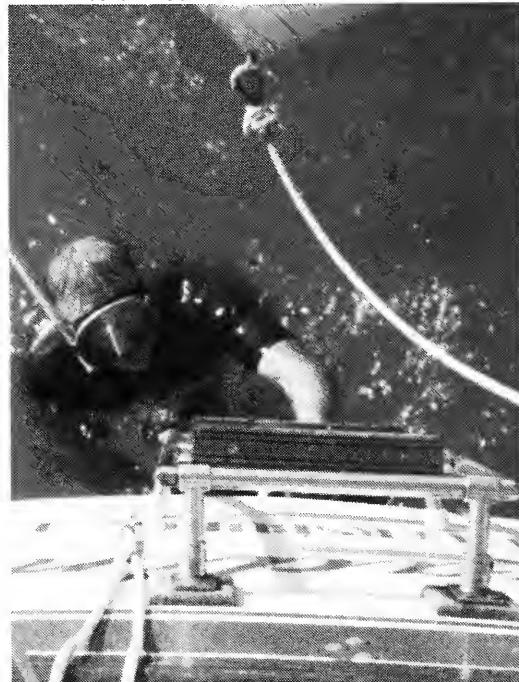
**Physical Activity.** Each student shall have and find opportunities to engage in organized or self-initiated activities that help the student to develop an awareness of the importance of physical well-being and to acquire skills that contribute to good physical condition.

Each student is free to choose the kinds of achievements and experiences that would meet each expectation. In each category, activ-

ities which are part of an approved course, or directed or independent study, may earn academic credit. An underlying expectation is that each student will come to Eckerd with the intention to develop a planned program of participation and achievement in each of the three co-curricular areas, and thus a total co-curricular program that both supplements and enlivens the classroom experience.

### The Co-Curricular Record

As a reflection of the fact that the co-curricular program is a significant dimension of the program of the college, each student has an official co-curricular record that is maintained in the Office of Career Services, which has primary responsibility for the co-curricular program. Entries on this record must be consistent with the categories approved by the faculty, may be made only at the student's request and with the approval of the Dean of Students, and are limited to names of activities, leadership positions held, and honors received. The intent is twofold: to enable the student to compile an official record of response to college co-curricular expectations, and to provide the student with credentials that may be used to supplement the academic transcript in application for jobs, graduate work, fellowships, and other post-graduate opportunities. Like the academic transcript, the co-curricular record is released outside the college only with the student's permission, and neither the academic transcript nor the co-curricular record makes reference to the other.



## THE ECKERD COLLEGE LIBRARY

The library supports the educational mission of the college by providing facilities, resources and services designed to enhance the student's learning experience. The primary goal of the library staff is to help students achieve competency in making use of available knowledge. In this constantly changing and increasingly complex world the ability to locate and use needed information has become a crucial skill. Instruction in the effective use of library resources begins in the autumn term, and progresses through upperclass levels where students are encouraged to make use of sophisticated computerized technology by searching in databases. During all four years the emphasis is on providing, through frequent interaction between student and librarian, the personal attention that makes for a quality learning experience.

Conveniently located in the center of campus, the library provides an open and inviting environment for study and leisure reading. Quiet carrels and carpeted lounge areas are interspersed throughout the open stack book collection. A typing room is available for those who do not have their own typewriters. For those desiring personal copies of printed or microfilm materials, coin and card operated copying machines are available.

Designed to meet the basic needs of undergraduate students, the library's book collection contains approximately 110,000 volumes. A computer catalog allows enhanced access to the library collection. Computer indexes give added access to the 1,000 periodical subscriptions and 20,000 bound periodical volumes. New materials designed to meet both the curricular and recreational reading needs of students are constantly being acquired. Each year over 3,000 books are carefully selected by instructors and librarians for inclusion in the collection. To augment the college's own holdings, the library participates in the On-line Computer Library Center (OCLC) Network which provides computerized interlibrary loan access to several thousand libraries throughout the United States. In addition, the library has a reciprocal lending agreement with the University of South Florida-Bayboro library.

## SPECIAL ACADEMIC PROGRAMS

### PRE-PROFESSIONAL PROGRAMS

Eckerd College regards liberal education as essential to thorough professional training and unites a broad freedom of student choice with graduate education in a number of fields: for law and medical school, medical technology, the ministry, engineering, elementary and secondary education, management, business administration, and selected public service, human development and community professions.

Eckerd seeks to provide pre-professional experience through intensively supervised internships rather than by professional and pre-professional courses that tend to limit the scope and quality of liberal education. The teacher education program, described immediately following, exemplifies the application of this principle. Students in management take certain specialized courses, such as accounting, and prepare themselves through internships carefully planned with the Mentor of the management program. Similarly, human relations occupations involve a thorough liberal arts base, to which are added supervised field and employment experiences designed to meet the particular interest and need of the student.





## HUMAN RESOURCE INSTITUTE (HRI)

Eckerd College's Human Resource Institute includes the Human Resources Management program which studies the activities organizations and societies use to generate behaviors directed toward their objectives; the Human Resources Measurement program which studies the processes used to evaluate human resource management; and the Human Resources Association which facilitates cooperative relationships between the Institute and organizations interested in advancing human resources management and measurement research.

The Institute was initially organized at the University of Michigan in 1969 by William Pyle. It moved to Eckerd College in 1986 when Dr. Pyle joined the faculty as professor of management and Director of the Human Resource Institute. Since its inception, over one hundred Fortune 500 and other major firms in the U.S. and abroad have sought to advance personnel and human resources management and measurement research through their financial support of the Institute.

The Institute works closely with Eckerd College's academic programs including the college's concentration in Personnel and Human Resource Management by involving students in its industry research projects and encouraging its business and industry association members to provide students with work experience, internships, and career opportunities.



## TEACHER EDUCATION

The Eckerd College Teacher Education faculty seek to develop competent and humane leaders for the teaching profession. The Director of Teacher Education is responsible and accountable for all teacher education programs: **elementary certification, secondary certification, grades 7-12, K-12 certification** in art and music. For certification requirements in these programs, see page 49 under "Education" in the course listings.

The Florida legislature has mandated entrance requirements for all teacher education programs in the State. To meet the State requirements and those of the Eckerd College Teacher Education program, students must have attained a minimum combined S.A.T. score of 1000, and both verbal and mathematics scores must exceed 450. Students must have earned a minimum grade point average of **B** or 2.8 on all college level work. A college level mathematics course is also required of all applicants to the Teacher Education program.

Teacher Education program graduates seeking regular certification in Florida are required to pass the Florida Teacher Certification Examination and successfully complete the Florida Beginning Teacher Program. For further information about the policies and procedures for admission into the Teacher Education program, contact the Director of Teacher Education and request a copy of the **Education Student Handbook**.

## **ENGINEERING AND APPLIED SCIENCE — DUAL DEGREE PROGRAM**

The engineering and applied science program is designed for students who wish to combine a broad, values-oriented knowledge base with one of many fields of engineering or applied science. Students may pursue a career in applied science or one of many engineering disciplines including electrical, civil, chemical, industrial, aerospace, textile, nuclear, biomedical, or systems engineering. Students complete all requirements for majors at both institutions.

Students apply to Eckerd College for regular admission and spend three years at Eckerd taking mathematics and science courses that will qualify them to enter an engineering program at the Junior level. In general, students take Calculus I, II, and III; Differential Equations; Chemistry I and II; Physics I and II; and Introduction to Computer Science, along with the general education requirements and the requirements of an Eckerd College major. Some of the courses required for the Eckerd College major may be completed at the other institution. The detailed curriculum depends on the student's choice of engineering college and specific degree program. Students may attend an engineering winter term before they transfer to the engineering college.

Upon successful completion of the three-year portion of the program (requirements of grade point average vary somewhat) and recommendation of Eckerd College, a student is admitted to an engineering college, where the dual-degree requirements may normally be completed in two years. The student is then awarded degrees from both Eckerd College and the engineering school.

At present, Eckerd cooperates in dual-degree programs in engineering and applied science with Washington University (St. Louis), Auburn University, Columbia University and Georgia Institute of Technology. Students may also apply to engineering schools with which we do not have formal agreements. Many engineering schools accept transfer students. Several such schools have supplied us with advice and information on which courses would best prepare students to transfer into engineering at the Junior level.

Due to the sequential prerequisite requirements, it is vital for dual degree candidates to obtain counseling early in their career at Eckerd College.

## **ARMY ROTC**

Eckerd College provides an Army Reserve Officer's Training Program through a cross-enrollment agreement with the University of South Florida in Tampa. Students who complete the program, which consists of four courses in military science, a weekly leadership laboratory, and one summer camp, are commissioned in the United States Army. The AROTC program is open to both men and women, and scholarships are available on a competitive basis to qualified Freshmen, Sophomores, Juniors and Seniors.

## **THE WRITING CENTER**

The purpose of the Writing Center is to enhance student learning by helping them to become more organized in investigating and more articulate in formulating ideas. Working closely with the Foundations Collegium, the staff and tutors of the Writing Center aid students who wish to improve writing skills and competence in research. Assistance is offered to all Eckerd students, with special workshops on preparation of Writing Competency portfolios, tutoring for non-native writers, consulting on Senior theses, and individual help on all writing tasks.

Resources include 18 Macintosh workstations, desktop publishing, CD-ROM databases, software for collaborative writing, word processing, data graphics, design, page layout, hypermedia; a library of composition theory and pedagogy; professional and peer consultants.

## **INTERNATIONAL EDUCATION**

Eckerd College believes that a liberally educated person should be at home in other cultures, and tries to give every student the chance to study abroad. Consequently, Eckerd offers a variety of overseas programs, including short terms in the winter and summer, and full year or semester programs for students in almost all majors.

### **Winter Term Abroad**

Eckerd's annual winter term offerings overseas each January are nationally recognized. Projects vary each year, but typically programs are available in such places as Italy, England, Greece, Austria, Mexico, Russia, South America, and the Caribbean.

## **Semester and Year Abroad**

Varied locations and curricula provide a wide range of opportunities. Programs are available in Aix en Provence or Avignon, Madrid, Freiburg, Florence, and in London where the Eckerd College Study Centre is staffed by both American and British faculty. Eckerd also has exchange arrangements with two universities in Japan – Kansai Gaidai near Osaka and Nanzan University in Nagoya – and with Ewha Womans University in Seoul, Korea. Through our affiliation with the International Student Exchange Program (ISEP) and with the Council on International Educational Exchange (CIEE) many exchange opportunities worldwide are available, and recently students have spent a year or semester in locations such as Sweden, Malta, Korea, Mexico, the Netherlands, Australia, and Hungary.

The Office of International Education counsels with students in an effort to provide individuals with study abroad programs best suited to their particular academic needs.

## **OFF-CAMPUS PROGRAMS**

Our academic calendar permits off-campus study for periods of one month (January), one semester (14 weeks), and up to a full academic year. Upperclass students are encouraged to take advantage of programs and facilities not available at Eckerd through the off-campus program. It is possible to participate in group projects with a faculty leader or to contract independent studies of the student's own design. During winter term (January), group projects such as an archaeological dig in the southwest, government operations in Washington, D.C., or urban problems in Chicago are possible. Independent projects for individual students have been undertaken in industry, the Argonne Laboratories, marine research, and at an Indian reservation. The winter term, through cooperation with other schools having a similar calendar, provides for intensive projects on other campuses throughout the United States.

The Off-Campus Programs office assists students in making arrangements, preparing contracts, and providing information and ideas related to various choices. The subject of the project determines the particular off-campus location.

## **SEA SEMESTER**

Eckerd College provides an opportunity for qualified students to earn a semester of credit in an academic, scientific and practical experience leading to a realistic understanding of the sea, sponsored by the Sea Education Association, Inc. (S.E.A.).

Students spend the first half of the semester (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science and maritime studies. They then go to sea for the second half of the semester (the six-week sea component) for a practical laboratory experience. For course descriptions see page 98. Eckerd College tuition and scholarship aid can often be applied toward the cost of Sea Semester and additional aid may be available from S.E.A. For more information, contact the Office of International Education and Off-Campus Programs.

## **INTERNATIONAL STUDENTS**

Eckerd College has been committed to international education since its inception. While we continue to provide opportunities for students to enrich their education abroad (see International Education page 12) one need go no further than the campus itself to experience a truly cosmopolitan environment. The International Student Affairs office sponsors support programs and activities for students coming from more than 40 different nations to pursue a variety of studies here. There are two distinct groups of international students at Eckerd College: those who study in the ELS Language Center and those who are degree-seeking students.

These international students enrich the campus environment with their diverse cultural origins and ethnic backgrounds by providing face-to-face opportunities for cross-cultural exchange in classroom and other settings. The breadth of this experience is celebrated annually during the Festival of Cultures with exhibits, entertainment and ethnic delicacies from around the world.

## **CAREER SERVICES PROGRAM**

A liberal education should not be considered separate from the economic, social and political realities of life. With increasing insistence, employers and professional associations are asking career-minded students to relate fundamental education in liberal arts fields to long-range plans. Further, they stress the value of a solid liberal arts background for business or professional careers.

Woven into your academic program during your four years at Eckerd is a program to help you examine your career and professional goals. The Career Services Program offers one or more of a variety of experiences: one-to-one and group diagnostic career counseling to assist in making decisions which integrate academic programs, career planning and general lifestyle; internship and field experience placements which involve unpaid work experiences of observation either with a professional person or in a special social environment; paid work experiences related to current academic studies and long-range career goals; discipline internships such as teacher education, community studies, leisure studies, or management; and placement services to assist you in finding part-time and summer employment while in school, but primarily to enable you to select either the appropriate post-graduate education or the vocational career that fits your personal aptitudes, desires, and objectives.

## **SUMMER TERM**

The summer term is an eight-week term consisting of two four-week sessions. Courses are available in June (Session A), July (Session B), and through the full eight-week summer term. A preliminary announcement of courses and fees is published in April. Regularly enrolled Eckerd students and students enrolled and in good standing at other colleges and universities are eligible for admission. High school students who have completed their Sophomore year and present evidence (usually a transcript and a recommendation from a principal or counselor) of their ability to do introductory level college work, are eligible for admission with a scholarship which covers 50% of the regular tuition. Students entering Eckerd in the summer with the intention of becoming degree candidates must make formal application for admission to the Dean of Admissions.

Summer courses may replace courses missed

during the academic year or accelerate graduation. Additional information about summer term courses may be obtained from the Summer School office.

## **PROGRAM FOR EXPERIENCED LEARNERS**

The Program for Experienced Learners (PEL) is a degree-completion program designed specifically for adult learners who are strongly motivated, yet have career or personal obligations which keep them from enrolling in a more traditional degree program. Because of the flexible and personal nature of the program, most students are able to continue working full-time while pursuing the bachelor's degree.

PEL was founded on the belief that learning is not necessarily limited to a formal classroom setting. Credit may be awarded when experiential learning is comparable to academic coursework, relevant to academic goals, and well documented.

## **Admissions Requirements**

Qualities such as personal commitment, perseverance and self-discipline are necessary for success in PEL.

Basically, the guidelines for admission are:

1. Applicants must be at least 25 years of age.
2. Applicants must have a high school diploma or high school equivalency diploma. College experience is desirable; transfer credit for "C" or better grades will be awarded when coursework is appropriate for a liberal arts and sciences education and is relevant to career goals.
3. Applicants must complete an application, including an essay, and demonstrate goals consistent with program objectives and the ability and motivation to benefit from the program.
4. Following admission, students must complete the required Life, Learning and Vocation course with a "C" or better grade.

## **Meeting Degree Requirements**

The Bachelor's degree requires successful completion of a minimum of 36 courses. Students may meet degree requirements through transfer credit, experiential learning, formal courses, directed or independent study, tutorials, travel/study programs and residential program courses. PEL offers courses in St. Petersburg, North Pinellas County and Sarasota.

## **Major and Degrees**

PEL students are awarded either the Bachelor of arts or Bachelor of Science degree, the same degrees conferred in the residential program. Students pursue a variety of majors or concentrations, including business management, human development, organizational studies, American studies, interdisciplinary humanities, and others. The degree preserves the basic features of the Eckerd College program by emphasizing the liberal arts as part of each student's education, but also recognizes the importance of relating general knowledge to special career concerns. A Certificate in Man-

agement is available to students who combine a major in a traditional liberal arts discipline with a series of management courses.

## **Financial Aid**

Several types of financial aid are available to qualified students, including the Pell Grant, Florida Tuition Voucher, Federally Insured Student Loans and VA benefits.

Another popular form of financial assistance is through tuition reimbursement programs sponsored by private corporations and government agencies. Many PEL students have found that their employers are very cooperative in helping to meet their college expenses.

## **For More Information**

Additional information on financial aid, admissions requirements, and the Program for Experienced Learners may be obtained by writing: Program for Experienced Learners, Eckerd College, 4200 54th Avenue South, St. Petersburg, FL 33711. Or call: (813) 864-8226.



# THE ACADEMY OF SENIOR PROFESSIONALS

The Academy of Senior Professionals at Eckerd College (ASPEC) is an integral unit of the college devoted to the promotion of inter-generational learning, scholarly activity, writing, study, and the development of individual or group projects of importance to members, to the college, and to the community.

ASPEC is a unique organization composed of a group of mature men and women who have had distinguished careers in education, religion, business, the arts and sciences, government service, the armed forces, medicine, dentistry, law, architecture, social services and similar professional endeavors. By means of publications, lectures, colloquia, convocations, and the like, members continue to share and to contribute to human knowledge. Through frequent association with faculty members and with students, members contribute their knowledge and experience, and receive in return fresh viewpoints and ideas. Some ASPEC members participate as resource persons in the classroom on the invitation of faculty members.

ASPEC is designed for those who wish, during their retirement, to expand their intellectual horizons, enrich their cultural experiences, make constructive contributions to society, or pursue their own interests in association with congenial colleagues within the multigenerational educational community of Eckerd College.

Some members live in housing units in College Harbor, the retirement center on the college campus. Others reside within commuting distance of the campus. Inquiries should be addressed to: Director, Academy of Senior Professionals, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711.

## ACADEMIC POLICIES

### DEGREE REQUIREMENTS

In order to graduate from Eckerd College, a student must spend at least four semesters and two short terms, including the Senior year, in the college or in an approved off-campus program.

Any student who wishes to request an exemption from or a modification of an all-college requirement may petition the Dean of Faculty using forms available in the Office of the Registrar. Petitions must include detailed reasons for the request, and receive prior approval from the student's Mentor and collegial chairperson.

Unless modified in individual cases by action of the Dean of Faculty, the following requirements must be fulfilled by all students in order to qualify for formal recommendation by the faculty for the **Bachelor of Arts** degree:

1. The satisfactory completion of a minimum of 32 courses, plus an autumn term in the Freshman year and a winter term project in each subsequent year.
  - a. A Freshman may take a winter term in addition to autumn term, and substitute that winter term for one of the 32 courses.
  - b. The winter term project in the Senior year normally consists of the preparation for comprehensive examinations, theses or projects.
2. Writing Competency: students must submit a portfolio of their own compositions to be evaluated. Specifications for the contents of the portfolios are available from the Director of Writing Excellence.

Usually, the pieces in the portfolio are essays, reports, examinations, or creative work written in courses, and all students must submit their portfolio for evaluation before the second semester of the Junior year.

Students may not register for senior projects, theses, or comprehensive examinations without having received writing competency for their portfolio.

Composition courses and the Writing Center provide instruction in preparing writing competency portfolios; students whose portfolios are judged inadequate must take a composition course before resubmitting their portfolio.

Since portfolio evaluation is conducted only twice each year, students are strongly urged to consult with their Mentors and the Writing Center staff well before the **April** and **October** deadlines, and to submit their portfolios before completing eighteen course credits.

3. Computation (normally in the Freshman year): one college level mathematics, computer science, formal logic or statistics course, or one course that uses the computer as a major learning tool, designated by an **M** following the course number. Competency may also be satisfied by passing an appropriate proficiency examination administered by the college.
4. Foreign language (normally in the Freshman year): one year of foreign language at the college level, or the equivalent as demonstrated by a college administered proficiency examination or the equivalent as determined by the language faculty.
5. **Western Heritage I and II, WHF 181 and 182.** Students for whom English is a second language and who have not resided in the mainland U.S. for more than two years may substitute **WHF 183C U.S. Area Studies** for Western Heritage I, which shall also fulfill the requirement for a course within the Cross-Cultural Perspective. There is a special section of Western Heritage II for international students.
6. Four courses (normally in the Sophomore and Junior years), one each from a list of options in the following four areas: the **Aesthetic Perspective**, the **Cross-Cultural Perspective**, the **Environmental Perspective**, the **Social Relations Perspective**, distributed over four different upper division Collegia. A term of study abroad also fulfills the Cross-Cultural Perspective. Courses fulfilling these requirements are indicated by the appropriate letter following the number. See the course descriptions for a listing of these courses.
7. One course in the Senior year in the Judaeo-Christian Perspective.
8. One Senior seminar within the collegium of the student's major focussing on the search for solutions to important issues that students are likely to confront during their lifetimes.
9. The completion of a major (from the list of 35 majors formally approved by the faculty), or an independently designed area of concentration. The area of concentration must be approved by three members of the faculty, with an approved study plan filed in the Registrar's office no later than fall semester of the Junior year.
10. The satisfactory completion in the Senior year of a comprehensive examination, thesis, or creative project in the major or area of concentration with a grade of C or better. (This culminating evaluation may include a test or other means for assessing the effectiveness of the college's academic programs).

The following requirements must be fulfilled by students in order to qualify for formal recommendation by the faculty for the **Bachelor of Science** degree:

1. The satisfactory completion of the course and all-college requirements as outlined in sections 1-10 above.
2. Completion of a major or area of concentration in one of the natural sciences or mathematics, including the satisfactory completion of at least sixteen courses in the Natural Sciences Collegium, as specified by each discipline, including not more than one of the four required perspective courses.

Students majoring in the natural sciences or mathematics may earn the **Bachelor of Arts** degree by completing at least twelve but fewer than sixteen courses in the Natural Sciences Collegium, as specified by each discipline, including not more than one of the four perspective courses.

For either the B.S. or the B.A. degree, students majoring in the natural sciences or mathematics may substitute specified courses outside the Collegium to satisfy the minimum requirement for courses within the Collegium. Interested students should consult their Mentors for information on gaining approval for such substitutions.

See each discipline's description in the course section of this catalog for specific requirements.

**Students transferring to Eckerd College as Sophomores** are considered exempt from Western Heritage, the computation and foreign language requirements. **Students transferring as Juniors** are also considered exempt from any two of the four Sophomore/Junior perspectives.

## FORD APPRENTICE SCHOLARS PROGRAM

The Ford Apprentice Scholar Program at Eckerd College, initiated by a grant from the Ford Foundation, provides opportunity for 20 selected Juniors each year to participate in a two year enhanced program designed to develop the skills and habits of professional scholars, and to encourage them to consider college and university teaching as a career.

The students selected take a course in the Junior year in the history of ideas, and do optional research with their Faculty Sponsor during the summer. In the Senior year they work closely with the Faculty Sponsor in an enhanced major, and take a Senior Colloquim. Funds are available for summer and research support.



*Eckerd College President Peter Armacost (left) joins Rosemary and John Galbraith in ground-breaking ceremonies for the new Galbraith Marine Science Laboratory. When completed, it will be the most modern, comprehensive marine science laboratory for undergraduate study in the country.*

## THE HONORS PROGRAM

The Honors program at Eckerd College provides enhanced opportunities for independent study and research to students of outstanding ability. Selected students are brought together for close interaction and advanced work, such studies receiving permanent recognition on the students' transcripts.

A special brochure is available from the Dean of Admissions concerning the four years of the Honors program but a brief description follows. First-year Honors students meet for special sessions of the college's two Freshman core courses, Western Heritage I and II, for which an extra course credit is awarded. The second and third years of the Honors program center around Honors courses in four areas or perspectives, these being the Aesthetic, the Cross-Cultural, the Environmental, and the Social Relations Perspectives. Seniors in the Honors program participate in a colloquium in which they present their Senior thesis research, creative projects, or their work for comprehensive examinations.

Students who wish to be considered for the Honors program in the Freshman year must file an acceptable application for admission to Eckerd College by February 15. In addition, interested students must file an application for the Presidential Scholarship competition by March 1. The students selected as Presidential Scholars will be the group invited to the Freshman Honors program. Presidential Scholars are chosen by a committee of faculty and students on the basis of high school academic records, personal essays, teacher recommendations, standardized test scores, and evidence of leadership and service to others. Interested students are encouraged to write the Dean of Admissions for additional information.

New transfer students and students already enrolled in the college, including students who may have applied unsuccessfully to the Honors program earlier, are also eligible for admission as vacancies in the program occur at the upper levels. Students who are interested in making application to the Honors program after they are enrolled in the college should contact the Director of the Honors Program.



## NATIONAL HONOR SOCIETIES

The following National Honor Societies have chapters at Eckerd College:

### **Delta Phi Alpha – German**

Requirements: two years of college German, a 3.0 average in German courses and 2.5 overall; new members must be elected unanimously. The Society meets monthly, sponsors German related events, off-campus speakers and a weekly **kaffee klatch** for all German students.

### **Omicron Delta Epsilon – Economics**

#### **Lamba Chapter in Florida**

Requirements: Junior or Senior standing, class rank in upper one-third with a 3.0 in economics courses and at least four economics courses. The Society recognizes the accomplishments of economics students.

### **Omicron Delta Kappa – Leadership**

Requirements: Junior or Senior standing with high grade point average, selected on the basis of exemplary character, responsible leadership and service in campus life. The purpose is to encourage good campus citizenship by recognizing significant achievement in the various aspects of college life.

### **Pi Mu Epsilon – Mathematics Gamma Chapter in Florida**

Requirements: at least two years of mathematics including Calculus I and II with at least a B average. The purpose is to promote scholarly activity in mathematics among students in academic institutions.

### **Sigma Delta Pi – Spanish**

Requirements: three years, or the equivalent, of college Spanish with a 3.0 or better in all Spanish courses, and rank in upper 35 percent of class with a minimum of 2.75. The purpose is to promote scholarly activity in Spanish among students in academic institutions.

### **Sigma Xi – Scientific Research**

Requirements: demonstrated aptitude for scientific research and intention to pursue a career in science, nomination by a Sigma Xi member based on such criteria as academic excellence, scientific research usually culminating in a paper, presentation at a scientific meeting, or a senior theses. The purpose is to advance scientific research, encourage interdisciplinary cooperation, and assist the wider understanding of science.

## MAJORS AND AREAS OF CONCENTRATION

At Eckerd College efforts are made to tailor programs of study to the particular needs and interests of individual students. To help guide students with the selection of courses, the faculty has approved a number of disciplinary and interdisciplinary **majors**.

Brief descriptions of majors are included under each discipline heading in the course description section of this catalog. Students desiring more specific information about major programs should consult their Mentors, collegial chairpersons and discipline coordinators. A list of the faculty-approved majors follows.

American Studies	Elementary Education	Literature	Psychology
Anthropology	French	Management	Religious Studies
Biology	German	Marine Science	Russian Studies
Chemistry	History	Mathematics	Sociology
Comparative Educational Studies	Human Development	Modern Languages	Spanish
Comparative Literature	Humanities	Music	Theatre
Computer Science	International Business	Philosophy	Visual Arts
Creative Writing	International Studies	Philosophy/Religion	Women's and Gender Studies
Economics		Physics	
		Political Science	

Students desiring to design their own programs of study are encouraged to develop an individualized **area of concentration** in cooperation with their Mentors. The proposed plan of study must ultimately be approved and have identified with it a specific committee of at least

three faculty members. The approved study plan must be filed in the Registrar's office early in the Junior year. A major or concentration must require at least eight but no more than 12 courses in one discipline, and no more than 16 courses altogether.



## ACADEMIC CREDIT

Credit toward a degree is awarded for satisfactory course completion, independent study projects, directed study programs, academic work certified by another accredited degree-granting institution, and proficiency demonstrated by examination.

Ordinarily credit is earned by **course completion**. A normal full-time academic load is eight courses plus an autumn term in the Freshman year and eight courses plus a winter term project in each subsequent year.

Credit may be earned through **independent study** by students who exhibit both the self-discipline and mastery of the methodologies demanded by the subject matter selected by the student. An independent study project is designed by a student in consultation with the professor who is to supervise and evaluate the work. An academic contract, drawn in advance, specifies the subject and method of inquiry, the texts, the purpose of the project, and the basis of evaluation and credit. Each contract must be approved by the Director of Independent Study. Independent study options are available for both on and off-campus opportunities. Freshmen are not permitted to take off-campus independent studies. Independent study forms are available from the Registrar.

Provision is also made for credit by **directed study**. Both independent study and directed study require advance planning by the instructor and student. While initiative rests with the student for design of independent study, in directed study the instructor is responsible for supplying a syllabus which defines the program. Directed study syllabi are available from the Registrar.

Credit is granted by **transfer** from accredited degree-granting institutions, up to a limit of 16 courses, plus one autumn and one winter term. A student entering Eckerd College should request that a transcript of work done in other institutions be sent to the Registrar. When the transcript has been evaluated, the applicant is notified of the credit accepted by transfer. Eckerd College students who wish to enroll for part of their programs at other institutions should have the approval in advance of their Mentors, appropriate discipline faculty, and the Registrar. For more information on transfer credit, please see page 116.

Credit for **demonstrated proficiency** is awarded when a student applies for it with the Registrar and successfully completes appropriate examinations. **College Level Examination Programs** are recognized for both advanced placement and academic credit. For more information on CLEP, see page 117.

The college recognizes that many experiences outside the classroom may contribute to a student's program. Internships, participation in community projects, and field experience may be accorded credit if closely coordinated with the student's academic program. Such experience ordinarily constitutes a part of a regular course or independent study project.





## THE GRADING SYSTEM

The standard grading system of the college is **A** (Superior Work), **B** (Good Work), **C** (Satisfactory Work), **D** (Poor Work), and **F** (Unacceptable Work). All courses in which a grade of **C** or higher has been earned shall count toward fulfilling degree requirements. A course in which a **D** grade is earned may fulfill degree requirements only when a grade of **B** or higher is earned in another full course.

A grade of **I** (**Incomplete**) indicates that all course requirements are not complete by the end of the term and that, in the judgment of the instructor, extension of deadline is appropriate. Unless an earlier deadline is set by the instructor, a student will have thirty days into the next regular semester to complete the required work. If the work is not completed by that time, or the shorter deadline imposed by the instructor, the **Incomplete** will automatically become an **F**.

In case of formal voluntary withdrawal before the end of the eighth week of a semester, a grade of **W** is recorded. If withdrawal occurs after that point, a grade of **F** is recorded. A **W** that results from an involuntary withdrawal must be validated with the Registrar at the time of withdrawal or as soon thereafter as possible.

**A Credit/No Credit** grading option is available in each course/project for students who are at least second semester Freshmen. Students desiring this grading option must petition for the approval of the course instructor, the Mentor, and the Dean of Faculty. Petitions must be submitted prior to the beginning of a semester or term. Grades of **Credit** and **No Credit** cannot be subsequently changed to letter grades.

All grades are reported to students and entered on the official record of the college. Grades of **F** will not be removed from the transcript. A notation will be recorded on the transcript of any substitute grade earned. Students may not repeat a course for credit unless they receive a **D**, need to repeat the course in order to progress in sequence, and have the approval of the instructor and academic dean.

## CLASS ATTENDANCE

Students are expected to attend all classes in courses for which they are registered. There is no college-wide attendance requirement, but individual instructors may impose attendance requirements in particular courses.

# **STANDARDS OF SATISFACTORY ACADEMIC PROGRESS**

## **NORMAL PROGRESS**

Normal progress toward graduation is the completion of four courses each semester and a short term each year with grades of C or better.

## **ACADEMIC REVIEW COMMITTEE**

At the close of each semester the Academic Review Committee reviews the progress of every student who fails a course, receives a **voluntary withdrawal** (referred to hereafter by W), has more D than grades of B or better, is on academic probation, or is otherwise identified as not making satisfactory academic progress. Mentors, instructors and student personnel staff may be consulted. The Committee may place on probation or dismiss any student who in its judgment is not making satisfactory academic progress. In making such judgments the Committee is guided by the following standards and notifies the Financial Aid office of each financial aid recipient affected.

## **PROBATION**

A student who accumulates two or three F grades, or a combination of F and W grades that results in falling behind normal progress by two to five courses, or one more D than B or better grades, is placed on academic probation.

Students placed on academic probation are notified of this action by the Academic Review Committee and advised of how to remove the probationary status.

Students may enroll in up to four courses per semester during the probation period.

Students **admitted on probation** may have no more than two F or W grades in their first semester and must have at least one C or better in order to enroll for a second semester.

## **SUBJECT TO DISMISSAL**

A student who accumulates four F grades, or a combination of F and W grades that results in falling behind normal progress by six courses, or four more D than B or better grades, in

addition to being placed on probation, will be notified that he or she is subject to dismissal for any additional F, D or W.

Students may enroll in up to four courses per semester while subject to dismissal.

## **SUSPENSION FROM EXTRACURRICULAR ACTIVITIES**

A student placed on probation or subject to dismissal as a result of F and W grades for a second consecutive semester, or as a result of D grades for a fourth consecutive semester, is suspended from participation in college sponsored extracurricular activities, and the directors of the activities notified, so that the student may devote full time to study.

## **REMOVAL FROM PROBATION**

Probationary status remains in effect until the student completes four courses in Eckerd College in one semester with C or better grades and the overall number of B or better grades at least equals the number of D grades.

## **DISMISSAL**

A student who accumulates five or more F grades, or a combination of F and W grades that results in falling behind normal progress by seven courses or more, or five or more D than B or better grades, is dismissed for at least one semester.

Students dismissed for academic reasons are notified in advance of the next regular semester by the Academic Review Committee. This notice also advises the student whether and, if so, when and how to be considered for readmission.

To apply for readmission after dismissal, a student should write to the Dean of Students, who shall obtain the approval of the Dean of Faculty as chair of the Academic Review Committee before authorizing readmission.

## **SECOND DISMISSAL**

A student who is readmitted after having been dismissed for a limited period of time for academic reasons shall be admitted on probation, but is dismissed again if he or she accumulates an additional two F grades, or a combination of F and W grades that results in falling behind normal progress by more than two courses, or three more D than B or better grades.

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## SUMMARY OF ACADEMIC REVIEW COMMITTEE CATEGORIES

**Probation:** any one of the following

2 or 3 F grades

F and/or W grades that result in falling behind by 2 to 5 courses

1 to 3 more D than B or better grades

**Subject to Dismissal:** any one of the following

4 F grades

F and/or W grades that result in falling behind by 6 courses

4 more D than B or better grades

**Dismissal:**

5 F grades

F and/or W grades that result in falling behind by 7 courses

5 more D than B or better grades

**Second Dismissal:** any one of the following

Additional: 2 F grades

F and/or W grades that result in falling behind by 3 courses

3 or more D than B or better grades

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## WITHDRAWALS

Withdrawal from the college at any time is official only upon the completion of the withdrawal form available in the Registrar's office. Requests for readmission following withdrawal should be sent to the Dean of Students. Students may withdraw to enroll in another college for courses not available here but important to the student's total program. Such courses may be transferred upon the student's return, but must be approved **in advance** by the Mentor, discipline faculty and Registrar. Students requesting a withdrawal should consult with the Registrar.

## THE DEAN'S LIST

The Dean's List is published following the fall semester and the spring semester and includes students who completed four courses with a grade point average of 3.75. Students with incomplete grades at the time of publication are not eligible.

## HONORS AT GRADUATION

Eckerd College awards diplomas with honors to a few students in each graduating class. The criteria and designation for graduation with Honors are: High Honors - 3.8 grade point average or above; Honors - 3.6 to 3.7 grade point average for courses taken at Eckerd College. To be eligible for Honors a student must have completed at least 18 Eckerd College courses. Students graduating with fewer than 18 Eckerd College course credits with a grade point average of 3.66 or above, will graduate with the designation of Distinction.

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## REGISTRATION

Registration dates are listed in the calendar at the back of this catalog. Upon completion of procedures as outlined in registration materials, the student's registration is approved by the business office and the Registrar. Students who preregister late will be charged a \$30 fee. Proof of payment must accompany the registration.

All courses for which the student wishes to register for credit must be listed on the official registration form. **The student is responsible for every course listed and can receive no credit for courses not listed on this form.** After registration day, official changes in registration may be made only through official drop/add cards approved by the instructors whose courses are involved. Unless a course is officially dropped, a grade of F will be incurred if the student fails to meet the obligations of the course. No course may be added after the drop/add deadlines which are printed in the calendar in the back of this catalog.

## AUDITORS

Any regularly registered full-time student may audit a course without fee, subject to permission of the instructor. Part-time students or students not registered for credit may attend courses as auditors subject to formal permission of the instructor and payment of an auditor's fee of \$360. Entry is made on the student's permanent record concerning audited classes. A course taken for audit may be changed to credit with the instructor's permission, if the change is filed with the Registrar by the end of the eighth week of a semester.

## STUDENT RECORD POLICY

Eckerd College accords all of its students their full rights under the Family Educational Rights and Privacy Act of 1974, as amended. This Act provides that the institution will maintain the confidentiality of student education records. It establishes the right of students to inspect and review their education records, and provides guidelines for the correction of inaccurate or misleading data through formal and informal hearings.

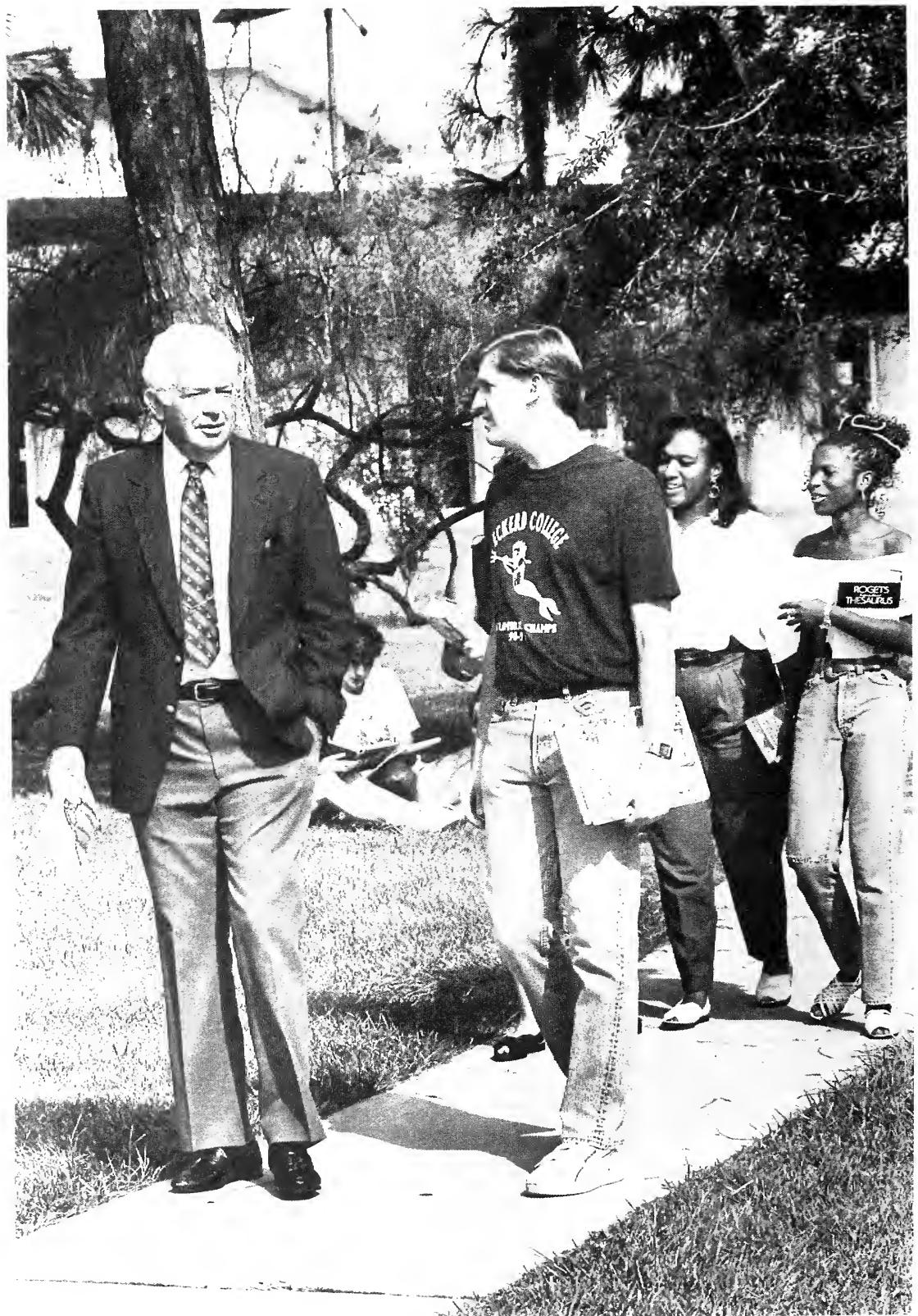
No one outside Eckerd College shall have access to nor will the college disclose any information from students' education records without the written consent of students except to personnel within the institutions in which students seek to enroll, to persons or organizations providing students financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health and safety of students or other persons.

Within the Eckerd College community, only those members individually or collectively, acting in the students' educational interests with a demonstrated need to know are allowed

access to student education records. Information may be released to parents of students since Eckerd College considers all students as "dependent" unless they specifically inform the college within a reasonable period of time that they consider themselves to be "independent" and so prove that status with a certified copy of the parents most recent Federal Income Tax form.

Eckerd College may, at its discretion, provide Directory Information to anyone requesting it in accordance with the provisions of the Act, to include: student name, address, telephone number, date and place of birth, major field of study, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, participation in officially recognized activities and sports, and weight and height of members of athletic teams. Students may request that Directory Information be withheld by notifying the Registrar in writing by the end of add/drop period of the fall semester. Request for non-disclosure will be honored by the institution for one academic year only; therefore, authorization to withhold Directory Information must be filed annually in the Office of the Registrar.





# DESCRIPTIONS OF COURSES AND MAJORS

(Alphabetically by Discipline)

## Meaning of Letters and Numbers

1. The **first two letters** indicate the discipline offering the course.
2. The **third letter** indicates the collegium. **A**-Creative Arts; **L**-Letters; **C**-Comparative Cultures; **B**-Behavioral Science; **N**-Natural Sciences; **F**-Foundations; **I**-International (offered abroad).
3. Interdisciplinary courses are indicated by the collegial designations: **CRA**-Creative Arts, **BEB**-Behavioral Science, **CUC**-Comparative Cultures, **LTL**-Letters, **NAN**-Natural Sciences, **FDF**-Foundations, **INI**-a course offered abroad, and **JCP** indicates Judaeo-Christian Perspective.
4. The **first digit** of the three numbers indicates the level of the course: 1 and 2 indi-

cate a course at the Freshman or Sophomore level; 3 and 4 indicate a course at the Junior or Senior level.

5. The **second and third digits** are used at the discretion of the collegium.  
**331-332** indicates Special Topics  
**410** indicates a Senior Seminar  
**498** indicates Comprehensive Examination  
**499** indicates Senior Thesis or Project
6. **Perspective courses** are indicated by a letter after the third digit: **A**-Aesthetic, **C**-Cross-Cultural, **E**-Environmental, **S**-Social Relations, **P**-fulfills any of the four perspective requirements. Courses which meet the computation requirement are indicated by **M** after the digits.

**The required four different perspective courses must be taken in four different collegia.**

Opportunities for independent study are available in all collegia. Independent study contracts are negotiated between the student and the faculty sponsor. Independent study contract forms are available in the Registrar's office.

Directed studies are listed in this catalog. Copies of directed study syllabi are available in the Registrar's office. Some directed studies are available through the Program for Experienced Learners only. Please consult the PEL Director for a list of these.

An academic minor is an option available to all students. The academic minor consists of five courses from a single discipline, to be determined by the discipline. A minor may be earned only in those courses in which a major exists.

**COURSES LISTED IN THIS CATALOG  
ARE NOT NECESSARILY OFFERED EACH YEAR.**

## AESTHETIC PERSPECTIVE COURSES

Courses in this perspective are designed to provide an introduction to a major area of artistic endeavor. Whether in creative expression or aesthetic appreciation, all focus on providing students with the ability to make informed value judgments in the artistic area under consideration.

**AHL 101A Introduction to Art History  
to 1400**

**AHL 102A Introduction to Art History:  
1400 to Present**

**AHL 248A History and Appreciation of  
Modern Painting**

**AHL 341A Medieval-Renaissance Art and  
Architecture**

For descriptions see **Art History**.

**ARA 329A The Art Experience**

For description see **Art**.

**ARI 321A British Painting 1760 -1960**

For description see **International Education, London Offerings**.

## Aesthetic Perspective Courses

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### **CRA 141A Introduction to the Arts**

History of music, literature, the visual arts, architecture, dance, and film correlated with the history of Western civilization for a deeper understanding and appreciation of the arts of the Western world.

### **CRA 201A Triartistic Aesthetics or Understanding the Arts**

Immersion in the performing and visual arts of the Tampa Bay area, and an exploration of the creative process from the perspective of artist, performer, and audience. Field trips.

### **CRA 202A Literature and Vocation**

Moral, ethical and religious questions in working life, as seen in the novel. Discussion of the books with practitioners of the professions.

### **CRA 225A Music and Architecture**

Fundamentals of art criticism applied to various "multimedia" phenomena; aesthetic theories extracted. Freshman discouraged from enrolling.

### **CRA 384A 20th Century American Women in the Arts**

Values and traditions affecting American women artists from 1935 to the present. Works by women in dance, visual arts, prose, poetry, film, photography, etc. Offered alternate years.

### **EDA 329A Master Teachers**

### **EDA 336A Frames of Mind: the Study of Multiple Intelligences**

### **EDA 338A The Power of Stories**

For descriptions see Education.

### **FRC 301A Introduction to Literary Analysis**

For description see Modern Languages, French.

### **HIC 244A Cultural History of Russia**

For description see History.

### **LIL 210A Human Experience in Literature**

### **LIA/L 226A Literary Genres: Short Novel**

### **LIA 228A The American Short Story: Fiction into Film**

### **LIA 241A Major American Novels**

### **LIA 242A Introduction to Native American Literature**

### **LIA 281A The Rise of the Novel: Western Narrative I**

### **LIA 282A The Modern Novel: Western Narrative II**

### **LIL 305A Women as Metaphor**

### **LIL 325A Men and Women in Literature**

### **LIL/REL 342A The Art of Biblical Literature**

### **LIL 349A Fiction from Around the World**

### **LIL 352A African-American Literary Survey**

### **LI/THA 362A Film and Literature**

### **LIA 380A Images of the Goddess**

### **LIA 381A Contemporary American Fiction**

### **LIA 382A Contemporary American Poetry**

For descriptions see Literature.

### **LTR 300A The Ancient Greek World Through Literature**

Greek attitudes and aesthetics revealed through poetry, drama, prose, art and archaeology using readings, slides and artifacts.

### **LTR 301A A Nation of Poets and Thinkers: Art and Philosophy in Modern German Culture**

Art and philosophy in German culture from the classical period of Hegel and Goethe to the present. Interrelationship between art and thinking. Prerequisite: at least one course in history, literature or philosophy, or permission of instructor.

### **MUA 221A Introduction to Music Literature**

### **MUA 326A American Music and Values**

For descriptions see Music.

### **PLL 261A Philosophy and Film**

### **PLL 263A Aesthetics**

For descriptions see Philosophy.

### **REL/LIL 342A The Art of Biblical Literature**

For description see Religious Studies.

### **SPC 301A Survey of Spanish Literature**

### **SPC 302A Survey of Spanish American Literature**

For descriptions see **Modern Languages, Spanish**.

**THA 102A The Living Theatre****THA 261A Video Practicum****THA 322A Communication Arts and Persuasion****TH/LIA 362A Film and Literature****THA 382A Theatre Beyond Literature**

For descriptions see **Theatre**.

**THI 365A Theatre in London**

For description see **International Education, London Offerings**.

**WWA 302A Rhetoric of Film**

For description see **Creative Writing**.

See also **KNIGHT READING SEMINARS**.

**AMERICAN STUDIES**

A broad, interdisciplinary major in American civilization built around the core disciplines of history, political science and literature. The program may also include courses in such fields as philosophy, religion, art, economics and sociology. The student's program, developed in consultation with the Mentor and supervised by a three-member faculty committee, should form a consistent pattern of courses in American culture and institutions. The program includes a minimum of ten courses, with at least five from one discipline. Six of the ten courses must be beyond the introductory level. One of the seminars listed below, which also meet the **Social Perspective** course requirement, should be included in the major.

Students who complete the American studies major demonstrate the following competencies:

- knowledge of American history, institutions, and culture, within an interdisciplinary perspective, demonstrated by the ability to talk and write intelligently about these fields.
- ability to define and evaluate the myths and values of American culture.
- knowledge of the development of the field of American studies as an academic discipline.
- understanding of some of the characteristic methodologies of the field of American studies.

- understanding of a sub-field in American studies (e.g., American history, American literature, American government, minorities studies) and how it relates to the larger field of American studies. An understanding of how the study of the sub-field is enriched by the interdisciplinary approach of American studies.
- ability to relate together the various courses and approaches that have been taken as a part of the major program, and to defend the interdisciplinary approach to the study of America.
- familiarity with some of the classic works in American studies that relate the fields of American literature and history and the ability to evaluate the author's methodology.
- demonstrated ability to undertake a research project that will explore important issues and problems in methodology and interpretation of American studies.

**AML 306S American Myths, American Values**

Myths in American history, literature and religion which shape Americans' understanding of their identity and history.

**AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers**

Reform and radical ideology of the 19th and 20th centuries. Populism, progressivism; nationalist, civil rights, peace, feminist, environmental movements.

**AML 308S Becoming Visible: Sex, Gender and American Culture**

Changing perspectives on what it means to be male or female in the U.S. Historical origins and sources of values concerning masculinity and femininity.

**ANTHROPOLOGY**

Anthropology is the holistic study of humankind, embracing cultural diversity, human origins, linguistics, and the application of knowledge to current social problems. Requirements for the major include successful completion of six core courses: Introduction to Anthropology, Research Methodology, Anthropological Theory, Physical Anthropology, Statistical Methods, Linguistics or Field Archaeology, plus completion of five other courses in anthropology, two of which must be

## **Anthropology**

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applied courses, and an oral comprehensive examination, with a C or better in all courses. In addition, anthropology majors must participate in at least one overseas study experience during their time at Eckerd College, ideally in a non-Western culture. Exceptions can be made only after consultation with the anthropology faculty.

**Sequencing:** Introduction to Anthropology in the freshman year or as the foundation course on which the succeeding courses are built, and all other anthropology courses, with the exception of Introduction to Anthropological Research Methodology and Anthropological Theory, which are taken in the Junior or Senior year.

Those completing the anthropology major demonstrate the ability to:

- define and discuss the differences between the biological and the cultural aspects of humankind, and the interdependence of these two areas.
- conduct literature research and engage in scholarly writing that is logically cohesive and properly documented.
- explain the concept of cultural relativity and discuss the implications for intercultural relations.
- distinguish arguments or positions based on sound data and logically reasoned, from those which lack sound supporting data and/or rest on questionable assumptions.
- knowledge and experience in the fundamentals of empirical research, including anthropological methods and techniques of gathering data, data analysis, and the writing of a research report.
- familiarity with a variety of topical, regional and applied fields of inquiry.
- preparedness for graduate programs in the field of anthropology and in related multicultural and international fields.

Requirements for the minor are Introduction to Anthropology, and any additional four courses in anthropology.

### **ANC 201 Introduction to Anthropology**

Explore such areas as language, ecology, economy and exchange, domestic organization and kinship, political organization, stratification in societies, religion, sex roles, as applied to anthropology.

### **ANC 202 Introduction to Field Archaeology**

Participation in a field experience. Prerequisite: ANC 201 or permission of instructor.

### **ANC 203C Cultures of the Middle East**

Islamic cultures and changes that have taken place through contact with the West. Environment, religion, social organizations, rural and urban factors, status of women, development of nationalism.

### **ANC 205 Introduction to Primate Studies**

Evolution of diversity, socioecology, behavior, social relationships, communication, intelligence of primates; conservation and biomedical research. Observation techniques through field project. Prerequisites: ANC 201; biology majors with permission of instructor.

### **ANC 207C Chinese Communist Society**

Family, child-raising, position of women; nurseries, schools, clinics; Revolutionary Committees. China's politics since the death of Mao.

### **ANC 208 Human Sexuality**

Overview of human sexuality, including cross-cultural and evolutionary perspectives. Range of sexual behavior and attitudes exhibited by humans, to help put one's own sexuality in perspective.

### **ANC/LIA 230 Linguistics**

The scientific study of language and its context: the elements of language and its uses in personal thought, social interaction, cultural values and institutions.

### **ANC 240 Physical Anthropology**

Concepts, theories, methodologies used in the study of *homo sapiens*: evolutionary theory, primate behavior, fossil evidence, human adaptation, sociobiology and aggression.

### **ANC/IBC/MNB 260 The Cultural Environment of International Business**

Challenge of conducting business operations successfully in a cultural environment distinct from one's own.

**ANC/IBC/MNB 261 International Management**

Management practices in Taiwan, Japan, North America, Europe, China, Africa, Latin America. Based on Harvard Case Studies involving American corporations in foreign cultures. Solve cross-cultural management problems.

**ANC 286C Cultures of Sub-Saharan Africa**

Africa's geography, topography and cultural patterns: politics, economics, language, adaptation. Comparisons of cultural heritages for selected societies.

**ANC 305S Culture and Personality**

Major theoretical and conceptual tools utilized by anthropologists in the study of personality in culture; data-gathering techniques. Offered every third year.

**ANC 333 Introduction to Anthropological Research Methodology**

Design and implementation of different types of research modes. Field work projects. Prerequisite: ANC 201 or permission of instructor.

**ANC 335 Cultural Ecology**

Relationships between environment and cultural systems.

**ANC 336 Ethnic Identity**

Role of ethnic identity in nationalism, non-assimilation of minorities, intercultural understanding, communication and interaction.

**ANC 337 Anthropology and Education**

Contemporary problems facing educators and learners in formal and nonformal education in the Third World and in minority groups. Methods of conducting ethnological fieldwork in education. Major trends in role of education in development. Prerequisite: ANC 201 (exceptions made for education majors).

**ANC 338 Anthropology and Religion**

Religious beginnings, role in human life, and movements from an anthropological viewpoint. Primitive religions, movements in industrialized society. Fieldwork in local churches. Prerequisite: ANC 201 (exceptions made for religion and other interested majors).

**ANC 339 Developmental Anthropology**

Population growth, hunger and nutrition, agricultural development, role of cultural factors such as economic decision-making, risk-taking, gender roles. Prerequisite: Sophomore or better or permission of instructor. ANC 201 recommended.

**ANC 340 Conflict Studies**

Conflict and its resolution in other cultures, gender, family, education, corporate, xenophobia, prejudice. Methods of resolution such as third party, negotiation, mediation, arbitration. Prerequisite: Sophomore or better or permission of instructor. ANC 201 recommended.

**ANC 350 (Directed Study) Introduction to Museum Work**

Hands-on experience with artifacts, cataloging, restoring and cleaning, designing and constructing an exhibit based on research. Minimum 120 hours. Prerequisite: at least one anthropology course and consent of instructor.

**ANC 410 Anthropological Theory**

Senior seminar for anthropology majors. Schools of thought on evolution, diversity, diffusionism, culture and personality.

**CUC 282C East Asian Area Studies****CUC285C Latin American Area Studies**

For descriptions see **Cross-Cultural Perspective Courses**.

**GEC 250 (Directed Study) Geography****GEC 350 (Directed Study) World Regional Geography**

For descriptions see **Geography**.

**ART**

Specific focus and courses for the major are worked out with a visual arts Mentor. Every program must consist of a minimum of ten studio courses, including ARA 101, 102, and 320, plus two approved courses in art history from outside the discipline. Every student must pass the required Sophomore show review in the categories of drawing and design before undertaking the Senior thesis exhibition. The Senior thesis exhibition is required of all majors for graduation, and must demonstrate

# Art

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technical competence and a developed artistic vision, the ability to work in a sustained way with a visual problem or problems, and to organize gallery scale space coherently.

The visual arts major is process and project oriented, based on the student's development as an artist. Within the major students develop their own area of emphasis, focusing on the media they select, imagery and content. The major should be seen as the central part of the student's education, with other college requirements and electives contributing as integral elements to education as a person and artist.

The normal four year program moves from structured courses, to greater freedom, to the independently executed Senior thesis show.

## **Freshmen**

Visual Problem Solving  
Drawing Fundamentals  
Choice of workshop courses

## **Sophomores**

Choice of workshop courses  
Sophomore show

## **Juniors**

Art History  
Aesthetics  
Choice of workshop courses  
Critiques

## **Seniors**

Thesis show preparation  
Senior thesis show

An art minor consists of ARA 101, 102, and one course in art history, plus three other studio courses approved by the art faculty for qualification for the minor.

## **ARA 101 Visual Problem Solving**

Systematic approach to visual arts, developing skills in spatial organization, relating forms in sequence, discovering uniqueness, personal approach to solutions, even within narrow, arbitrarily prescribed bounds.

## **ARA 102 Drawing Fundamentals**

For the novice or the initiated, an immersion in new ways of seeing, eye-hand coordination, self-discovery, and self-expression through varied drawing media, using as sources the figure, still-life, nature, and imagination.

## **ARA 205 Calligraphy I**

The calligraphy styles of England, Europe and America. Introductory survey open to all students regardless of major.

## **ARA 222 Clay I**

For beginners, the fundamentals of ceramic materials, handforming, recycling, glazing, firing. Laboratories with supervised working time and lectures on technical knowledge.

## **ARA 223 Relief Printing**

In-depth investigation of one of the oldest print mediums, using linoleum as the primary matrix to explore design and graphic imagery in both black and white and color. Prerequisite: ARA 101 or 102.

## **ARA 225 Etching**

Basic techniques of etching, including hard and soft grounds, aquatint, drypoint, open biting, embossing, and color printing. Experimentation and an imaginative approach is expected. Prerequisites: ARA 101 and 102.

## **ARA 228 Painting Workshop**

Introduction of process of painting with emphasis on each student finding his/her own imagery, exploring technical means. Any medium or combination allowed. Prerequisite: ARA 101 and 102.

## **ARA 229 Photography as Image Gathering**

Process, techniques, and aesthetics of taking and developing black and white photographs. No prerequisites, but the student should have access to a camera with adjustable aperture and shutter speeds.

## **ARA 230 Transparent Watercolor Painting**

Paint under artificial light as well as out of doors. Open to beginners and more advanced students who have never tried transparent watercolor painting.

## **ARA 241 Intermediate Drawing**

A variety of traditional and non-traditional drawing media. Visit museums and galleries. Prerequisite: ARA 101 and 102.

### **ARA 250 (Directed Study) History of the Print**

A survey of the history and development of the print medium, intended primarily for art students with some background in the graphic arts. Counts as one art history credit.

### **ARA 301 Collage and Assemblage**

Production of two-and three-dimensional objects and images, employing various materials, exploring the interface between painting and sculpturing. Prerequisites: ARA 101 and 102.

### **ARA 305 Design and Techniques of Letterpress**

Fine letterpress printing through a studio course in the techniques of platen and cylinder press.

### **ARA 306 Calligraphy II**

Further development of skills in one particular British or American alphabet, with its history and various uses. Prerequisite: ARA 205 and permission of instructor.

### **ARA 308 Throwing on the Potter's Wheel**

Throwing instruction and practice. Skill, aesthetic considerations, techniques and critiques. Prerequisite: ARA 222 or permission of instructor. Offered alternate semesters.

### **ARA 309 Ceramic Sculpture**

Various techniques from forming through surface finishes. Clay as a sculpture medium from prehistoric through contemporary use, with an overview of history. Prerequisite: ARA 101 and 222.

### **ARA 320/420 Studio Critique**

Maximum of independence with regular critiques, each student preparing a contract for work in media of the student's choice. Class used for review of work, field trips and discussion. Prerequisites: art majors only who have completed the Sophomore show requirement.

### **ARA 321 Advanced Drawing**

Critique forum for students ready to do serious work in various drawing media, developing a personal mode of expression. Emphasis on experimentation with new materials and ideas. Must be capable of working independently. Prerequisites: ARA 101, 102 and permission of instructor.

### **ARA 322 Advanced Photography Critique**

Intensive independent projects designed to encourage imaginative examination of the local environment. Class critiques weekly. Evaluation on final portfolio of at least 20 finished mounted prints exhibiting technical excellence and creative insight. Prerequisite: ARA 229 and permission of instructor.

### **ARA 325 Monoprinting**

Use etching press to explore ways of achieving single-impression images through use of oil, watercolor and printing inks. Demonstrations, critiques, individual supervision, culminating in exhibition at end of semester. Prerequisites: ARA 101 and 102.

### **ARA 326 Plate Lithography**

An exploration of the basic techniques of aluminum plate lithography. Students are expected to produce prints in color as well as black and white. Prerequisites: ARA 101 and 102 and permission of instructor.

### **ARA 327 Painting Workshop II**

### **ARA 328 Painting Workshop III**

Continuation of process begun in ARA 228. Individual instruction with periodic group critiques. Emphasis on larger scale works and technical appropriateness. Prerequisites: ARA 228 for 327; 327 for 328.

## **Art History**

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### **ARA 329A The Art Experience**

Students select one artist and do art works and research on the life and times of that artist, and make a presentation on both the art works and the facts. Not open to Freshmen. Sophomore's with instructor's permission.

### **ARA 330 Opaque Watercolor Painting**

Techniques of gouache and tempera watercolors, concentrating on aspects of commercial art, illustration and fine art approaches. Prerequisite: ARA 101, 102 and permission of instructor.

### **ARA 342 Introduction to Graphic Design**

Basic elements of graphic design: typography, modern print techniques, illustration, photography in advertising, publishing, mass media. For Juniors and Seniors; others by permission.

### **ARA 420 Studio Critique**

For description see ARA 320.

### **ARA 499 Senior Thesis and Seminar**

For Senior art majors preparing thesis shows, self-structured time to work, regular weekly meetings, critiques, practice in hanging and criticizing shows. Personal, individual discussion time with instructor. Prerequisite: Senior major in art.

### **ARI 300 (Directed Study) Florence: An Architectural History of the City**

For description see International Education, Italy Offerings.

### **ARI 321A British Painting 1760-1960**

### **ARI 351 (Directed Study) History of English Architecture**

For description see International Education, London Offerings.

### **CRA 201A Triartic Aesthetics: Understanding the Arts**

For description see Aesthetic Perspective Courses.

For art courses offered in Florence see International Education, Italy Offerings.

## **ART HISTORY**

### **AHL 101A Introduction to Art History to 1400**

Survey of the history of art from the prehistoric period through Middle Ages.

### **AHI 102A Introduction to Art History: 1400 to Present**

Development of Renaissance, mannerist, realistic, impression and post-impressionistic, modernist and postmodernist styles in painting, sculpture and architecture, related to the culture of the times in which they grew.

### **AHL 248A History and Appreciation of Modern Painting**

European painting from Cezanne through World War II. Analyzing and appreciating painting, lives and personalities of painters, schools of art, relationship with events of period. Permission of instructor required for Freshman. Offered alternate years.

### **AHL 341A Medieval-Renaissance Art and Architecture**

Art and architecture of Medieval and Renaissance periods in western Europe and the character of the change in vision and artistic product. Films and slides. Permission of instructor required for Freshmen. Offered alternate years.

## **ASTRONOMY**

For description see Physics.

## **AUTUMN TERM PROJECTS**

Descriptions of autumn term projects are published in a separate brochure.

## BEHAVIORAL SCIENCE

### BEB 160M Statistical Methods

Quantitative techniques for data analysis in the behavioral sciences; univariate and bivariate description, and inference. Credit will be given for only one of MAN 133 or BEB 160M, but not both.

## BIOLOGY

The biology major is designed to give a broad pre-professional background for students interested in careers in marine biology, biomedical science, environment, and related fields. Required is demonstration of basic knowledge and understanding of the history, methods, and principles of the life sciences. This demonstration will be satisfied by successful completion of a Senior comprehensive or thesis exam, and ordinarily the following courses: Marine Invertebrate Biology, Plant Biology or Marine and Freshwater Botany, Biology of Vertebrates, Cell Biology, Genetics, Comparative Physiology, Principles of Ecology, and an acceptable elective. Each student must also satisfactorily complete Biology Seminar and General Chemistry I and II.

#### For the B.S. degree: (pre-professional)

Students must meet the major and general education requirements (including prerequisites) by including in their program BIN 303, 304 (the "investigative" courses), MAN 131M, MAN 133 or BEB 160M (calculus and statistics), CHN 221, 222 (organic chemistry), and PHN 241, 242 (physics) or an approved substitute. Students participating in off-campus programs may petition for alternatives to these specifications.

#### For the B.A. degree: (liberal arts)

Students must meet the major and general education requirements in the context of a more diverse program than that specified for the B.S. At least 12 courses must be in the natural sciences and mathematics.

Students who major in biology may not also major in marine science (biology track).

A possible sequence for the B.S. or B.A. degree in biology:

#### Freshmen

##### *Fall*

Invertebrate Biology

Calculus I for the B.S., a mathematics course for the B.A.

##### *Spring*

Plant Biology

Statistics for the B.S.

#### Sophomores

##### *Fall*

Vertebrate Biology

Chemistry I

##### *Spring*

Cell Biology

Chemistry II

#### Juniors

##### *Fall*

Genetics with laboratory for the B.S., without for the B.A.

Organic Chemistry I for the B.S.

Biology Seminar

##### *Spring*

Physiology with laboratory for the B.S., without for the B.A.

Organic Chemistry II for the B.S.

Biology Seminar

#### Seniors

##### *Fall*

Ecology

Physics I for the B.S.

Senior Seminar

##### *Spring*

Advanced Biology course

Physics II for the B.S.

Senior Seminar

#### Senior Comprehensive Examination or Thesis

For the B.S. degree, foreign language may be taken in the Junior year to accommodate Chemistry I and II in the Freshman year, leading to Organic Chemistry I and II in the Sophomore year.

Biology students are required to demonstrate basic knowledge in seven areas of the life sciences (invertebrate, vertebrate, botany, cell, genetics, physiology and ecology). They learn how to develop experiments to test appropriate hypotheses, use skills and laboratory techniques necessary for investigative research, gather and analyze data and synthesize conclusions, and evaluate and synthesize information thus obtained. They gain an appreciation of the history of the life sciences and see their connection with study areas included in the biology major curriculum, and the relationship of information gained from a scientific perspective to values-oriented issues in their lives. Through this program, students also have the opportunity to improve and perfect their listening, writing and speaking abilities.

## **Biology**

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A minor requires five biology courses, not including more than two at the 100 level, perspective courses (except General Biology), or directed or independent studies. At least one of the five courses must be at the 300 or above level.

### **BIN 121E General Biology**

Principles of biological science; scientific method; characteristics of and interactions between cells, organs, organisms, populations, communities and ecosystems.

### **BIN 187 Plant Biology**

Evolution, diversity and development of plants, their place in the ecosystem and responses to environmental conditions. Vascular, non-vascular marine, freshwater and land plants. Field trips.

### **BIN/MSN 188 Marine and Freshwater Botany**

Diversity of marine and freshwater plants, their relationship to each other and to their environment. A survey of all plant groups will be included. Field trips.

### **BIN/MSN 189 Marine Invertebrate Biology**

Structural basis, evolutionary relationships, biological functions and environmental interactions of animal life in the seas, exploring the local area.

### **BIN 200 Biology of Vertebrates**

Classification, evolutionary history, structure, neo-Darwinian evolution and evolutionary features as seen in anatomy of aquatic and terrestrial chordates.

### **BIN 202 Cell Biology**

Structure, function and the flow of energy as the unifying principle linking photosynthesis, anaerobic, aerobic respiration and expenditure of energy by the cell. Prerequisites: CHN 121; CHN 122 as co-requisite.

### **BIN 204 Microbiology**

Biology of microorganisms; microbiological techniques, isolation and identification of unknown organisms.

### **BIN 250 (Directed Study) Exploration in Human Nutrition**

Available through summer term or Special Programs only. Suitable for non-science majors. For students curious about their own nutritional needs, who may be confused by the many myths currently perpetuated in popular literature.

### **BIN 301 Principles of Ecology**

Physical, chemical and biological relationships in natural communities. Field work in nearby ponds and Gulf shoreline. Prerequisites: Junior or Senior standings. Corequisite: BIN 303 or 305 or permission of instructor.

### **BIN/MSN 302 The Biology of Fishes**

Systematics, anatomy, physiology, ecology and behavior of fishes. Laboratory includes field collecting, trips to local institutions, examination of anatomical features and systematic characteristics. Prerequisite: BIN 200, and Junior standing.

### **BIN 303 Genetics: Investigative**

Mendelian and transcription genetics from historical perspective. Experimental approach emphasized. Small lab groups participate in experimental design, and develop research skills in molecular biology. Prerequisite: CHN 121/2, BIN 202 or permission of instructor. Corequisite: CHN 221. Marine science majors may substitute MSN 301 for CHN 221/2.

### **BIN 304 Comparative Physiology: Investigative**

Physiological mechanisms of animals and general principles revealed through application of comparative methods. Creative project lab to develop research skills. Prerequisite: CHN 121/2, BIN 202, 303. Corequisite: CHN 221. Marine science majors may substitute MSN 301 for CHN 221/2.

### **BIN 305 Genetics: Interpretive**

See BIN 303. Library research project in place of investigative lab. Prerequisite: CHN 121/2.

**BIN 306 Comparative Physiology:  
Interpretive**

See BIN 304. Library research project or independent alternative in place of investigative lab. Corequisite: CHN 122.

**BIN 307 Biology of Marine Vertebrates**

Classification, characteristics, general ecology and current research methodology. Prerequisite: BIN 200 and Junior standing.

**BIN 310 Techniques in Electron Microscopy**

Research techniques such as tissue preparation, sectioning with an ultramicrotome, filming observations. Prerequisites: Junior standing, science major, permission of instructor.

**BIN/MSN 311 Marine Mammalogy**

Marine mammal systematics, status, economic value, behavior, physiology, population dynamics, evolution, management. Prerequisite: BIN 200 and Junior standing.

**BIN 350 (Directed Study) Human Physiology**

Nerves, muscles, sense and endocrine organs; cardiovascular, respiratory, digestive, reproductive, excretory systems; metabolic integration. Suitable for biology majors off-campus unable to take BIN 304 or 306. Prerequisites: CHN 122, BIN 202 and permission of instructor.

**BIN/MSN 402 Marine Ecology**

Selected aspects of marine systems. Prerequisites: BIN 301 or 307.

**BIN 406 Advanced Topics in Botany**

Subjects investigated determined by student interest. Prerequisite: BIN 187 or 188.

**BIN 407 Paleobotany**

Ancient environments and formation of fossils, evolution of plants, research techniques, field trips. Prerequisite: BIN 187 or 188, at least Junior standing and permission of instructor.

**BIN 408/NAN 410 Biology Seminar  
(2-year sequence)**

Topical concerns in biology especially those not fully explored in other areas of the biology curriculum. Junior, Senior biology majors participate for **one course credit**; Sophomores invited to attend.

**BIN 420 Advanced Ecology and Evolution**

Read and evaluate scientific literature and conduct a semester-long independent field research project on selected topic. Prerequisites: B or better in BIN 301 and permission of instructor.

**BIN 422 Advanced Topics in Genetics**

Selected topics from contemporary areas of genetics. Gene regulation, oncogenes, immunogenetics, genetic engineering, human genetics. Biological and social implications. Prerequisite: BIN 303 or 305 or permission of instructor.

**BIN 499 Independent Research - Thesis**

Upon invitation, Seniors may design and carry out a creative research program, usually resulting in a written dissertation which is defended in the spring.

**INI 350 The Maritime Heritage of England**  
For description see **International Education, London Offerings**.**NAN 382E The Oceans and Man****NAN 383E Ecology, Evolution and Natural Resources****NAN 384E The Human Body as an Environment****NAN 385E Genetics: A Human Perspective**  
For descriptions see **Environmental Perspective Courses**.**NAN 410 Senior Seminar in the Natural Sciences**

For description see **Senior Seminars**.

See also **Marine Science and Sea Semester**.

# Chemistry

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## CHEMISTRY

Students may select from three degree programs which include the following course requirements:

### For the B.A. degree:

CHN 121/2, 221/2, 320, 321, 326 and one upper level chemistry elective.

### For the B.S. degree:

CHN 121/2, 221/2, 320, 321/2, 326, 424, 426.

### For the B.S. degree (Certified):

CHN 121/2, 221/2, 320, 321/2, 326, 424, 426, 429 or 499 and one upper level chemistry elective.

The B.S. (Certified) degree has been approved by the American Chemical Society.

The above courses are normally taken in the order listed.

For any degree, students must also take MAN 131/2, PHN 241/2 and CHN 428/NAN 410 Chemistry Senior Seminar. Additionally, students must satisfy the collegium requirement of 12 courses for the B.A. degree and 16 courses for either of the B.S. degrees. A working knowledge of computers and elementary programming is strongly recommended for all courses beyond CHN 222. Finally, students must maintain a C average or better in courses within the chemistry discipline and supporting courses.

Juniors and Seniors are involved in Experimental Chemistry I and II, a two-semester laboratory program integrating analytical, inorganic, instrumental, organic and physical chemical methods and techniques. Projects undertaken are problem-solving in nature.

The capabilities and skills that chemistry majors are expected to attain include knowledge of chemical synthesis, analysis, and theory. In addition, students acquire competence in laboratory techniques, the use of chemical instrumentation, written and oral communication, and the ability to use the chemical literature.

Students desiring a minor in chemistry must take CHN 121 and 122 and any three of the following: CHN 221, 222, 320, 321, 322, 323, 324, 326 and 424.

## CHN 101E Chemistry and the Environment

Development of mathematical, conceptual and problem-solving skills. Examples from current environmental and energy issues. Not recommended for students who have taken General Chemistry. Prerequisite: high school algebra.

## CHN 121 General Chemistry I

Principles of modern chemical theory for majors in the sciences. Prerequisites: placement at H level in mathematics.

## CHN 122 General Chemistry II

Modern chemical theory of importance to later work in chemistry and molecular biology. Laboratory includes use of instrumentation for pH, redox, spectrophotometric measurements. Prerequisite: CHN 121 with grade of C or better.

## CHN 221 Organic Chemistry I

First part of two-course sequence dealing with chemistry of carbon-containing compounds. Laboratory on techniques of organic chemistry, preparation of several simple organic compounds. Prerequisite: CHN 122 with grade of C or better.

## CHN 222 Organic Chemistry II

Continuation of CHN 221 proceeding to more complex functional groups. Laboratory on preparation of organic compounds, qualitative methods for determination of unknown organic substances. Prerequisite: CHN 221 with grade of C or better.

## CHN 320 Analytical Chemistry

Modern analytical measurements, separations, and instrumentation including acid-base, redox, solubility, complexation equilibria and their applications. Prerequisites: CHN 222 or permission of instructor, and MAN 132.

## CHN 321 Physical Chemistry I: Investigative

Laws of thermodynamics, free energy, and chemical equilibrium; solutions of electrolytes, non-electrolytes; electrochemistry, chemical kinetic theory. Prerequisites: CHN 122, MAN 132, PHN 242 or permission of instructor.

**CHN 322 Physical Chemistry II:  
Investigative**

Wave mechanics, chemical bonding, atomic and molecular spectroscopy, statistical thermodynamics and some molecular symmetry. Prerequisite: CHN 321.

**CHN 323 Physical Chemistry I:  
Interpretive**

Non-laboratory version of CHN 321.

**CHN 324 Physical Chemistry II:  
Interpretive**

Non-laboratory version of CHN 322.

**CHN 326 Experimental Chemistry I:  
Techniques and Instrumentation**

Practical application of modern experimental techniques and modern chemical instrumentation. Required of all chemistry majors, normally in the Junior year. Prerequisites: CHN 320 and 321.

**CHN 422 Advanced Organic Chemistry**

Infrared, ultraviolet, nuclear magnetic resonance and mass spectroscopy; advanced synthetic methods, elucidation of reaction mechanism, stereochemistry, molecular rearrangements and orbital theory. Prerequisites: CHN 222 and 322.

**CHN 424 Advanced Inorganic Chemistry**

Electronic structure and properties of the atom, among them covalent bond, stereochemistry, solid state, acid-base, thermodynamics; reaction mechanisms, non-aqueous solvents, boron hydride chemistry. Prerequisite: CHN 322. For Senior chemistry majors.

**CHN 425 Biochemistry**

Structure, function, metabolism, thermodynamic relationship of chemical entities in living systems. Quantitative aspects through computer modeling of biological systems. Prerequisite: CHN 222.

**CHN 426 Experimental Chemistry II:  
Advanced Techniques**

Continuation of CHN 326. One year lab course on sophisticated techniques of experimental chemistry culminating in research project. Required of all B.S. chemistry majors in Senior year. Prerequisites: CHN 322 and 326.

**CHN 428/NAN 410 Chemistry Seminar  
(2-year sequence)**

For Junior and Senior chemistry majors. **One course credit** on satisfactory completion of two years of participation. Continuation in seminar contingent on satisfactory progress in upper division courses.

**CHN 429 Senior Research in Chemistry**

Independent laboratory research in one of the major areas of chemistry. Elective for B.A. or B.S. in Senior year, required for non-thesis B.S. (Certified) chemistry majors. Prerequisite: CHN 326 and permission of instructor.

**CHN 499 Independent Research — Thesis**

Chemistry students with superior ability may be invited to do independent research with a member of the chemistry staff during their Senior year, and write and defend a research thesis before a thesis committee.

**NAN 281E Environmental Chemistry and  
Society****NAN/LTL 283E The Growth and Nature  
of Scientific Views**

For descriptions see **Environmental Perspective Courses**.

**NAN 410 Senior Seminar in the Natural  
Sciences**

For description see **Senior Seminars**.

**CLASSICAL LANGUAGES****REL 101/102 New Testament Greek**

For description see **Religious Studies**.

**LAC 101/102 Elementary Latin**

Master basic grammatical construction, develop a vocabulary of approximately 500 words and the ability to read moderately difficult prose. English word derivation heavily stressed. LAC 101 is prerequisite for 102.

**COMMUNICATIONS****CRA 140 Mass Communications**

The role of the media in society with focus on newspapers, magazines, radio and television, and the ways in which the media shape our thinking and behavior.

## Composition

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### COMPARATIVE EDUCATIONAL STUDIES

Comparative educational studies is an interdisciplinary major, emphasizing theoretical and experiential work in the social sciences (anthropology, economics, political science, sociology and psychology), the humanities (literature, history, philosophy and religion) and the fine arts, in addition to pedagogy. The curriculum integrates an expanded concept of education (formal, non-formal and informal) with an international research base, focusing on areas outside the West and First World.

Students take ten comparative or international courses in education, anthropology, economics, political science, aesthetics, area studies and foreign languages. Students spend at least one semester in the Junior year in an education-related internship outside the U.S., applying concepts from coursework in field research leading to the development of the Senior project. The major **does not provide a teaching certificate**. Entry level courses are EDA 202S and EDA 203C. Statistics is the recommended mathematics course. Contact Professor Russell Bailey for specific program requirements.

See **Education**.

### COMPARATIVE LITERATURE

Comparative literature is an interdisciplinary approach to literature. Students declare three areas: five courses in a literature (commonly English and/or American), three courses in a foreign language (such as French, German or Spanish), of which at least two are literature courses, and two courses in a second foreign language (at any level), or in another discipline (such as history, religion, philosophy, etc.), or in an approved specialty (world literature in translation, myth, the Don Juan tradition, etc.). Students should have one course using comparative methodology. Linguistics and literary criticism are recommended.

Students develop competencies in comparative techniques, literary analogues and influences, research methods, and interdisciplinary work. Coursework is shaped to individual student programs, typically moving from introductory levels to advanced work, often culminating in a thesis.

### COMPOSITION

Composition courses emphasize the ways different writing processes lead to successful learning and communication. All address the conventions of expository writing, standard English usage, documentation, and preparation of portfolios for competency evaluation. Students in composition courses are urged to complete their assignments using the word processing facilities in the college's computer laboratories. The Writing Center, a service of the writing excellence program, supplements composition courses and provides assistance to students regarding any writing task.

Native speakers of English may take two Freshman-level composition courses for credit; non-native speakers may take three Freshman-level composition courses for credit.

#### **FDF 121 Writing Processes**

Introduction to writing processes: prewriting, drafting, revising, editing. Development of a personal voice to express ideas and values. Journal, academic essays, proper use of resources, including documentation.

#### **FDF 122 Analytic and Persuasive Writing**

Critical reading and analysis of texts, with attention to audience, organization, evidence, persuasion. Collegiate research report: research questions, writing from sources, presenting relevant evidence logically.

#### **FDF 123 Resourceful Writing**

Individual assignments to sharpen thinking, editing, research skills. Audience awareness, broadening student's repertoire, enriching language use. Usually requires major research paper.

#### **FDF 221 Reading and Writing Nonfiction Prose**

Read and write critical analyses of contemporary nonfiction authors. Study and practice advanced writing techniques. Research and write in areas of personal interest. Group and library work. Prerequisite: Sophomore standing and one semester's work involving writing, or instructor's permission.

### **FDF 321 Composition Theory and Learning**

The role of writing in learning, theories of composition, analysis of writing processes, designing units of instruction. Group inquiry techniques and collaborative writing assignments. Practicum in tutoring. Prerequisite: Junior standing, completion of writing competency requirement, or instructor's permission.

### **FDF 322 Researching and Writing in the Humanities**

Write a major paper in a humanities discipline, with ongoing evaluation of researching and writing techniques. Participate in writing groups, keep a research notebook. Prerequisite: Sophomore standing.

### **FDF 323 Organizational Communication**

Effective written, oral, visual, and computer-mediated communication in the context of modern business practice.

## **COMPUTER SCIENCE**

The course requirements for the computer science major are composed of two parts — the program core, and the program specialization. The core is a structured sequence of four computer science courses (Introduction to Computer Science, Data Structures, Computer Systems, Theory of Computing) and four mathematics courses (Calculus 1, Discrete Mathematics, Statistics, Linear Algebra).

The specialization, composed of a minimum of four computer science electives numbered 310 or greater pursued during the Junior and Senior years, is less structured, allowing the student to emphasize his or her special interests. At least one of these is required to be CSN 310 or CSN 411. The Computer Science Seminar is required in the Junior and Senior years. This is a total of 12 courses (not including the seminar) for the **Bachelor of Arts**.

Four additional courses from advanced computer science (300 level or above), mathematics or physics, are required for the **Bachelor of Science**.

Students majoring in computer science acquire a knowledge of basic and advanced algorithm design and programming, as well as the underlying principles, design, and implementation of the major components of computing systems. Achievement of the required competencies is demonstrated by successful completion of

a Senior comprehensive examination or thesis and by the successful completion of the four required computer science courses (CSN 143, CSN 221, CSN 222, and CSN 301) and a minimum of four computer science elective courses numbered CSN 310 or greater.

For computer science students interested in a mathematics minor or a double major (computer science and mathematics), Combinatorial Mathematics may be substituted for Discrete Mathematics, and Probability and Statistics I for Statistics.

A minor in computer science requires completion of CSN 143M, 221, 222 and two computer science courses numbered 300 or above.

### **CSN 143M Introduction to Computer Science**

History of computing: overview of the elements of a computer system; problem solving and algorithm development; Pascal programming for numeric and non-numeric problems. Prerequisites: mathematics placement at the H level.

### **CSN 201 Fortran Programming**

Problem solving using the Fortran language. Prerequisites: CSN 143M or permission of instructor.

### **CSN/MNB 202 Cobol Programming**

Problem solving using the Cobol language. Prerequisites: CSN 143M, MNB 210 or permission of instructor.

### **CSN 210S Computers and Society**

History of computing; social, ethical and legal impact of computers on society; overview of the operation, use, and programming of a computer.

### **CSN 221 Data Structures**

Continuation of program design and algorithm analysis. Identification and evaluation of classes of problems solvable through well defined data structures and algorithms including stacks, recursion, lists, linked lists, trees, searching and sorting. Prerequisites: CSN 143M.

## **Computer Science**

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### **CSN 222 Computer Systems: Unix/C Laboratory**

A laboratory course in assembly language and basic concepts of computer systems including architecture, operating systems, translators and digital logic. Prerequisite: CSN 221.

### **CSN 301 Theory of Computing**

Abstract basis of computing machines and languages; introduction to finite automata, formal languages, Turing machines, and complexity theory. Prerequisites: CSN 221 and MAN 143.

### **CSN 310 Computer Architecture**

Architectural and hardware elements of computing machines; central processing unit including micro-machine, registers, data paths, arithmetic logic unit, control unit, microprogramming; memory including implementation, virtual memory, content addressable memory, cache; input/output including disks, tapes, serial communications and networks. Prerequisite: CSN 222.

### **CSN 320 Programming Languages**

Nature and implementation of programming languages including qualities and characteristics of languages, methods of implementation, execution models and environments; survey of programming languages. Prerequisite: CSN 222.

### **CSN 321 Software Engineering**

Properties of software systems; software system design and development principles; specifications; models; software tools, monitoring methods; group programming project for a large software system. Prerequisite: CSN 222.

### **CSN 330 Analysis of Algorithms**

Theoretical and mathematical basis of algorithm design and analysis. Prerequisites: CSN 301, CSN 221 and MAN 143 or consent of instructor.

### **CSN/MAN 341 Numerical Analysis**

For description see Mathematics.

### **CSN/MNB 360 Database System**

Conceptual modeling of data systems; organization of database systems; storage and retrieval of data in the database; database design and administration. Prerequisite: CSN 221 or MNB 272 or permission of instructor.

### **CSN 411 Operating Systems**

Organization, operation, and implementation including processor management, memory management, virtual systems, interprocess communication, scheduling algorithms, protection and security, deadlocks; case studies of operating systems. Prerequisite: CSN 222.

### **CSN 420 Translators and Compilers**

Theory and implementation of high-level language virtual machines including assemblers, macro expansion, compilers and interpreters; syntactic and semantic models. Prerequisite: CSN 301.

### **CSN 438/NAN 410 Computer Science Seminar**

For Junior and Senior computer science majors. **One course credit** on satisfactory completion of two years of participation. Continuation in seminar contingent on satisfactory progress in upper division courses.

### **CSN 460 Artificial Intelligence**

Knowledge representation; predicate calculus; rule-based deductions; searching methods; applications of understanding; programming languages and databases for artificial intelligence. Prerequisite: CSN 222.

### **CSN 499 Computer Science Independent Research - Thesis**

Seniors majoring in computer science may, upon invitation of the computer science faculty, do research and write a thesis under the direction of a member of the faculty. The submission of the resulting written thesis and an oral defense will, upon approval of the computer science faculty, satisfy the comprehensive examination requirement for graduation. Prerequisites: excellence in computer science courses through the Junior year and invitation by the faculty.

### **KSN 201P Models of Reasoning**

For description see **Knight Reading Seminars**.

**NAN 410 Senior Seminar in the Natural Sciences**

For description see **Senior Seminars**.

**CREATIVE WRITING**

The Writing Workshop helps develop serious writers — students who think of themselves primarily as writers and students for whom writing will be an important avocation. Students develop their curriculum individually in consultation with the Mentor. Coursework varies considerably, but normally must include six courses in literature (while this is a minimum, creative writing majors usually elect to take more than this). At least three workshops are required: fiction, poetry, and one of the following: playwriting, travel writing, journal writing, or children's literature. Seniors are required to complete a thesis, a compilation of the student's best work in any combination of genres. The thesis committee will include two full-time creative writing faculty and a third member from any other discipline.

In consultation with the Mentor, students develop a program of workshops and at least six literature courses. In special cases (involving a writing interest best served by study outside the literature track) students may substitute for literature courses, two courses from other disciplines. In the first year, students take 100 or 200 level literature courses and Writing Workshop courses in poetry or fiction. In subsequent years, students build upon this foundation by, 1) taking advanced courses in creative writing and courses in playwriting, travel writing, journals, etc., and 2) developing a cluster of literature courses defined by a particular interest (i.e., modern and contemporary British and American poetry and fiction), and/or supported by courses from other disciplines (i.e., American Studies or History of Modern Britain).

Students learn the craft of fiction, non-fiction and poetry and develop individual voices. They learn to articulate and defend reasoned critical opinions.

A minor is not offered in creative writing.

**WWA 100 Introduction to Creative Writing**

An introduction to three genres of writing: poetry, fiction and one-act plays. Lectures, frequent in-class writing, small group work.

**WWA 2/3/428 Writing Workshop: The Short Story**

Students' stories read aloud and discussed in class. Emphasis on rewriting, critical principles and development of works through several phases of composition. Can be repeated for credit.

**WWA 2/3/429 Writing Workshop: Poetry**

Forms and techniques in poetry. Students submit their poems for discussion, review, and rewriting. Familiarity with current poetry is encouraged. Instructor's permission required.

**WWA 2/3/430 Poetry Workshop: The Forms of Poetry**

Concentrates exclusively on formal poetry: sonnet, blank verse, sestina, rhymed forms. Permission of the instructor required.

**WWA 231 Writing Workshop: Children's Literature**

Reading and writing fiction and verse, exploring possibilities of children's literature. Students bring their own work to class for discussion and evaluation. Preference given to upperclass students. Instructor's permission required.

**WWA 248 Writing Workshop: Feature Writing**

Writing magazine articles for publication: travel writing, public affairs reporting, in-depth personality features. Also write two analytical pieces incorporating a thoughtful critique of award-winning magazine features.

**WWA 261 Writing Workshop: Travel Writing**

Reading and writing about travel. Students will read classics in travel writing by authors like McPhee, Fussell, Hoagland, etc. and write their own articles to be discussed in the workshop. Instructor's permission required.

**WWA 300 Writing Workshop: Tutorial**

Daily meetings with instructor to discuss progress in all genres. Periodic group discussions. Prerequisite: one writing workshop and permission of instructor.

## **Cross-Cultural Perspective Courses**

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### **WWA 302A Rhetoric of Film**

Film as an art form, its history, typology, technology and symbology. How films are made, by whom, and out of what visions of the world.

### **WWA 305 Journals, Diaries, and Letters: The Intimate Connection**

Journals, diaries and letters as related to the creative process. Practice and discuss various journaling techniques, writing our own journals.

### **WWA 328 Writing Workshop: The Short Story**

See WWA 228.

### **WWA 329 Writing Workshop: Poetry**

See WWA 229.

### **WWA 330 Poetry Workshop: The Forms of Poetry**

See WWA 230.

### **WWA 333 Writing Workshop: Advanced Fiction**

At least two student works written, revised and discussed in seminar setting. Discussions of short stories by masters, articles on writing. Visits by local writers. Prerequisite: WWA 228 and permission of instructor.

### **WWA 334 Writing Workshop: One-Act Play**

Writing one-act plays, reading short plays, including traditional and experimental forms. Each student writes at least two plays, to be read and discussed in class. Production of original plays encouraged. Instructor's permission required.

### **WWA 335 Writing Workshop: Advanced Poetry**

Read and discuss poetry and commentary, as well as original student poems. Write formally or in free verse. Suggestions for submitting poetry to journals and editors. Prerequisite: WWA 229 or 230 and permission of instructor.

### **WWA 410 Writing Workshop Senior Seminar**

Writing creative responses in poetry or prose to various events on campus. Practical advice about jobs for writers. Guest writers.

### **WWA 428 Writing Workshop: The Short Story**

See WWA 228.

### **WWA 429 Writing Workshop: Poetry**

See WWA 229.

### **WWA 430 Writing Workshop: The Forms of Poetry**

See WWA 230.

### **CRA 202A Literature and Vocation**

For description see **Aesthetic Perspective**.

## **CROSS-CULTURAL PERSPECTIVE COURSES**

Courses in this perspective are designed to provide an introduction to a culture or cultures different from the student's own, to increase knowledge of the richness and diversity of human social existence and, in so doing, provide greater insights into the strengths and weaknesses of the student's own cultural perspective. A **semester of study abroad** may also satisfy this requirement.

### **ANC 207C Chinese Communist Society**

### **ANC 286C Cultures of Sub-Saharan Africa**

For descriptions see **Anthropology**.

### **CUC/WHF 183C United States Area Studies**

For description see **Western Heritage**.

### **CUC 282C East Asian Area Studies**

Examination of the more enduring features of China and Japan, through art, architecture, literature, customs, religious beliefs and intellectual traditions. Prerequisite: Sophomore standing.

### **CUC 283C Russian Area Studies**

Understanding Russians as people, Russia's contribution to Western civilization, the impact of the Bolshevik Revolution on Russian society and the role of Russia in the world today.

### **CUC 285C Latin American Area Studies**

A multidisciplinary, contemporary overview of the peoples and cultures, achievements and challenges faced in Latin America.

### **ECB 283C International Economic Relations**

### **ECB 284C Soviet and Chinese Economic Systems**

For descriptions see **Economics**. Available in PEL only.

### **EDA 203C Cultural Foundations of Education**

### **EDA 330C Comparative Education**

For descriptions see **Education**.

### **FRC 202C Intermediate French II**

For description see **Modern Languages, French**.

### **HIL 203C Europe in Transition: 1200-1815**

### **HIL 204C Foundations of Contemporary Europe: 1815-Present**

### **HIC 232C World History to Columbus**

### **HIC 233C Global History in the Modern World**

### **HIC 264C The History of the Two St. Petersburgs**

### **HIL 301C Columbus and the American Encounter**

### **HIL 369C The French Revolution**

### **HIC 380C Traditional Japan: A Cultural History**

For descriptions see **History**.

### **INI 379C Florence Seminar**

For description see **International Education, Italy Offerings**.

### **INI 389C British Seminar**

For description see **International Education, London Offerings**.

### **POB 103C Introduction to International Relations**

### **POB 104C Introduction to Comparative Politics**

### **POB 211C Inter-American Relations**

### **POB 321C Comparative European Politics**

For descriptions see **Political Science**.

### **REL 203C Old Testament Judaism**

### **REL 204C New Testament Christianity**

### **REC 240C Non-Western Religions**

### **REL 244C Western Religions**

### **REC 321C Confucian and Taoist Tradition**

For descriptions see **Religious Studies**.

### **SPC 202C Intermediate Spanish II**

For description see **Modern Languages, Spanish**.

See also **Knight Reading Seminars**.

## **DIRECTED STUDY COURSES**

For descriptions, see the appropriate discipline. Copies of directed study syllabi are available in the Registrar's office.

### **ANC 350 Introduction to Museum Work**

### **ARA 250 History of the Print**

### **ARI 300 Florence: An Architectural History of the City (available in Italy only)**

### **ARI 351 A History of English**

Architecture (available in England only)

### **BIN 250 Explorations in Human**

Nutrition (available in summer term and PEL only)

### **BIN 350 Human Physiology**

### **CRA 410 Creative Arts Senior Seminar (by academic petition only)**

### **ECB 387 Urban Economics (available in PEL only)**

### **GEC 250 Geography**

### **GEC 350 World Regional Geography**

### **GRC 250/1 Intermediate German: Grammar Review I, II**

### **GR/LIC 304 The Novels of Hermann Hesse**

### **GR/LIC 351 Life and Works of Franz Kafka**

## Directed Study Courses

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**HDA 208E Basic Concepts in Wellness and Holistic Health**  
**HDA 209 Childhood Roles and Family Systems**  
**HDA 321 Practicum in Leisure Services**  
**HDA 326 Counseling for Wellness**  
**HDA 404 Leadership and Administrative Dynamics** (available in PEL only)  
**HIL 216S Your Family in American History**  
**HIL 253 United States History**  
**HIL/I 310 History of England to 1688**  
**HIL/I 311 History of Modern Britain Since 1688**  
**HIL/I 312 History of London**  
**HIL 347 Recent American History: The Historian's View of our Times**  
**HIL 351 The Industrial Revolution**  
**HIL 352 The Progressive Movement**  
**INI 350 The Maritime Heritage of England**  
**JCP 410 Judaeo-Christian Perspectives on Contemporary Issues** (by academic petition only for Seniors)  
**LIA 250 Children's Literature**  
**LIL 250 Shakespeare**  
**LII 300 Florentine Literature** (available in Italy only)  
**LIL 300A The Ancient Greek World Through Literature**  
(available in PEL only)  
**LI/GRC 304 The Novels of Hermann Hesse**  
**LIA 350 Modern American Novel**  
**LIA 351 Twentieth Century American Women Artists and Writers**  
**LI/GRC 351 Life and Works of Franz Kafka**  
**MUA 350 Twentieth Century Music**  
  
**NAN 150 The Universe**  
**NAN 151 The World of Life**  
**NAN 251 Futures of Humanity: Worlds of Science Fiction**  
For description see **Physics**.

**PLI 351 History of Science in Great Britain**  
**POL 350 Florida Politics**  
**POL 450 The Supreme Court in American Politics**  
**PSB 201 Experimental Psychology**  
(available in PEL only)  
**PSI 350 Youth Experience in a Changing Great Britain**  
**REL 201S Introduction to Religious Studies**  
**REL 210S Introduction to Christian Ethics**  
**REL 221S Religion in America**  
**SPC 401 Modern Spanish Novel**  
**SPC 402 Spanish American Novel**  
**THA 250 Video Practicum**  
**THA 450 Alternate Theatre**

## EARTH SCIENCES

Students may plan a concentration in earth sciences by selecting courses in geology, oceanography and astronomy along with a broad selection of courses in chemistry, biology and physics, and specific in-depth study in one of the disciplines of the natural sciences. The program will be under the guidance and approval of a faculty supervisory committee.

## EAST ASIAN AREA STUDIES

A track in East Asian Area Studies may be planned through a supervising committee of three faculty members.

**CUC 282C East Asian Area Studies**  
For description see **Cross-Cultural Perspective**.

## ECOLOGY

See **Biology**.

## **ECONOMICS**

In addition to the collegial requirement of statistics, students majoring in economics are required to take a minimum of eight economics courses, the Senior Seminar in Economics, and Calculus I. All students will take Principles of Microeconomics, Principles of Macroeconomics, Intermediate Microeconomics, Intermediate Macroeconomics and History of Economic Thought. In addition, students choose three economics electives from a list of approved courses. Students must maintain a C average in upper level courses to successfully complete the major.

Students can start their economics major in their Freshman year. This is the appropriate time to take calculus and statistics (second semester). In addition, students can start the economics major proper with Principles of Microeconomics or Principles of Macroeconomics. The next appropriate courses are Intermediate Microeconomics and Intermediate Macroeconomics. Beyond this students can branch out to choose electives. Economics electives are available with a simple prerequisite of either of the Principles courses. In their Senior year students take History of Economic Thought.

The competencies achieved in the major are the ability to:

- understand and explain general economic phenomena.
- analyze and evaluate macroeconomic policy proposals.
- analyze, synthesize and integrate economic ideas.
- communicate effectively, in both oral and written form.
- do quantitative research, using a statistical computer package.
- engage in library research.
- conceive, plan and execute an independent quantitative research project.

Requirements for a minor in economics include Principles of Micro and Macroeconomics, and three upper level economics electives, including one upper level macro course (ECB 382 or 386) or one upper level micro course (ECB 381 or 384).

### **ECB 281S Principles of Microeconomics**

Price theory, operation of market system. Industrial structure and pricing under different competitive structures. Required of all students majoring in economics.

### **ECB 282S Principles of Macroeconomics**

Main sectors of the economy (consumers, business and government) focusing on policy. Monetary and fiscal policy, inflation, recession, balance of payments. Required for all students majoring in economics.

### **ECB 283C International Economic Relations** (offered in PEL only)

The international economy since World War II. Japanese, European, African, Asian, Latin American, role of multinational corporations. The politics shaping economic relations between countries.

### **ECB 284C Soviet and Chinese Economic Systems** (offered in PEL only)

Central planning organizations and property rights structures, performances, forces promoting and hindering economic reform, compared to a market, private ownership economy.

### **ECB 301S Leadership: the Human Side of Economics**

How humans and community groups interact, the methods they create to bring shared values to fruition. The creation and operation of institutions as they affect social and economic environments.

### **ECB/MNB 370 Industry, Labor and Government**

Examine various models of firm behavior in various industrial organization structures (competition, monopoly, oligopoly, conglomerate), both foreign and domestic. Prerequisite: ECB 281S.

### **ECB 380 Public Choice**

Theory of public decision making. Living in community, origins and appropriate roles of the state, justice in the behavior of the state. Models of voting behavior through simulation. Prerequisite: ECB 281S or permission of instructor.

## **Economics**

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### **ECB 381 Intermediate Microeconomic Theory**

Continuation of ECB 281S. Consumer demand theory pricing and output decisions of industries and firms using simple mathematical and geometric models; price and output adjustments. Prerequisite: ECB 281S. Required for all students majoring in economics.

### **ECB 382 Intermediate Macroeconomics**

Continuation of ECB 282S. Determinants of aggregate demand and supply, using dynamic and static models of analysis. How to use an understanding of economic analysis to achieve policy objectives and understand trade-offs. Prerequisites: ECB 282S and BEB 160M.

### **ECB/MNB 383 Marine Resource Policy**

Applied course exploring global issues surrounding regulation of marine resource use. The role of economic theory in development of marine resource policy. Prerequisites: ECB 281S or ECB 282S, and BEB 160M.

### **ECB/MNB 384 Managerial Economics**

Applied economic theory, mathematics and statistics in business decision making. Optimization techniques under conditions of uncertainty. Selecting the "best" solutions to business problems. Prerequisites: ECB 281S and BEB 160M.

### **ECB 385 Comparative Economic Systems**

Non-capitalistic and capitalistic economies compared to show how different institutional arrangements lead to different ways of making economic decisions. Soviet Union, Eastern European nations, People's Republic of China included. Prerequisite: ECB 281S or 282S.

### **ECB/MNB 386 Money, Banking and Financial Institutions**

History and development of monetary system and financial structure. Money creation and influence on macroeconomic activity. Monetary policy implications of regulatory agencies. Prerequisite: ECB 282S.

### **ECB 387 Urban Economics**

(Directed Study available in PEL only)

Urban growth and decay, location decisions, land use. Transportation, crime, housing, discrimination and segregation, and the urban financial crisis. Prerequisite: ECB 281S.

### **ECB 388 Economic Development**

Factors which contribute to or retard economic development, investigating the cultural and political as well as economic aspects of development. Prerequisites: ECB 281S or 282S.

### **ECB 389 Natural Resource and Environmental Economics**

Role of economic theory in analyzing and evaluating natural resource and environmental policy issues. Developing models for optimum resources use: land, water, energy, their development, allocation, pricing. Prerequisite: ECB 281S.

### **ECB 410 History of Economic Thought**

Senior seminar for economic majors. Economic ideas as developed and expounded by Western economists. The teachings of the mercantilists, physiocrats, Adam Smith, Malthus, Ricardo, Mill, Marx, Marshall, German and American schools of thought.

### **ECB 480 International Economics: Foreign Exchange**

Theory, operation, government policies, balance of international payments, exchange-rate adjustments, interrelationship between macroeconomy and international economy. Prerequisite: ECB 282S.

### **ECB 481 International Economics: Trade**

Theory, government policies, free trade, protectionism, U.S. commercial policy, GATT talks, US-Japan-EEC trade issues, developing countries, solutions for international trade problems. Prerequisite: ECB 281S.

### **ECB 486 History of Economic Thought**

Economic ideas as developed and expounded by Western economists. The teachings of the mercantilists, physiocrats, Adam Smith, Malthus, Ricardo, Mill, Marx, Marshall, German and American schools of thought. Prerequisite: ECB 281S or permission of instructor.

**ECB 488 International Economics**

International trade, finance theory and policy. Balance of international payments, exchange-rate adjustments, nature of gains from trade, U.S. commercial policy. Prerequisites: ECB 281S and 282S and permission of instructor.

**BEB 368S Utopias**

For description see **Social Relations Perspective**.

**EDUCATION**

Students must apply for admission to the Teacher Education program through the Director of Teacher Education, who is responsible for all programs approved by the Florida State Department of Education. Students considering teaching as a possible profession or education as a field of study should contact the Director of Teacher Education in the Creative Arts Collegium prior to the Junior year (preferably in the spring of the Sophomore year), and request a copy of **The Education Student Handbook**. The handbook outlines all guidelines and requirements for teacher certification programs.

The Florida legislature mandates entrance requirements for all Teacher Education programs in the State. At Eckerd College we are highly selective, believing that only bright, creative and sensitive persons should enter the profession. To be **eligible** to apply to the Teacher Education program, students **must** have attained a minimum combined S.A.T. score of 1,000, and both verbal and mathematics scores must exceed 450. Students **must** have earned a minimum grade point average of B or 2.8 on all college level work. A mathematics course is also required of all students.

**Elementary Education**

The elementary education major is designed for those students who plan to work within the public school setting. Students majoring in elementary education complete 15 general education courses, with not fewer than two courses and not more than four courses earned in each of the following areas: communication, human adjustment (four courses), biological or physical sciences, mathematics (one course), social sciences, humanities (two courses), and applied arts (two courses). The major also

requires seven professional education courses and a comprehensive examination. Students are expected to study off campus in a culture other than their own. Students majoring in elementary education must meet all requirements stated in **The Education Student Handbook**.

**Secondary Education**

Eckerd College has approved programs for secondary education in art, music, biology, English, French, German, history, mathematics, political science, psychology, social studies and Spanish. The secondary certification programs include completion of six courses in professional education and sufficient required courses to qualify for a major in the content area. For K-12 certification in art, music, and any foreign language the student must complete the aforementioned program and one course in Teaching and Learning: Theory and Practice. Students seeking secondary certification must meet all requirements stated in **The Education Student Handbook**.

The courses in the education major are numbered sequentially, indicating that each builds on previous courses. In the Senior year, students complete a course in the fall (EDA 421 Educational Psychology) which requires sophisticated integration of their research, thinking, speaking and writing skills. Although theoretical in its orientation, it also demands that students demonstrate their understanding of how research is applied in the classroom setting. The capstone Senior Seminar (EDA 410 Issues, Involvement and Integration) and the internship which are completed in the spring semester of the Senior year provide the culminating experiences through which students demonstrate their readiness for teaching.

The Teacher Education program is founded on two central and integrated beliefs: teachers must be liberally educated and they must commit themselves to lifelong learning. Students achieve breadth through completion of general education courses and through study abroad. They achieve depth through courses in the major which lead to an understanding of cognitive, psychological and social development and the teaching-learning process. Every course in the major includes a practicum in a public elementary school. Students who complete the program achieve competence in oral and written communication; observation,

## **Education**

assessment and evaluation; research and critical thinking skills; and a repertoire of teaching strategies. They learn to appreciate and value uniqueness and diversity and can apply teaching strategies appropriate for differing individuals and varied settings.

### **EDA/HDA 202S Human Development: Culture and Identity**

Explores patterns of social and personality development. Students build connections between texts, lectures and their own development.

### **EDA 203C Cultural Foundations of Education**

Educational theory and practice throughout the world as shaped by Confucius, Plato, Quintilian, Aquinas, Erasmus, Calvin, Ghandi, DuBois and Dewey.

### **EDA/PSA 207 Group Dynamics**

Laboratory approach to the study of groups, including participation, observation and analysis; investigation of roles of group members, transitional stages, leadership, and group functioning.

### **EDA 324 Teaching and Learning: Theory and Practice**

Students demonstrate and apply understanding of learning theory to models of teaching and counseling. For those who will teach, counselor or minister to other persons, within an intellectual framework. Prerequisites: PSB 101S or EDA 202S or permission of instructor.

### **EDA 325 Teaching Reading and the Language Arts**

Examines learning styles and strategies in relation to the content areas of reading and the language arts. Students plan and implement lessons in a public elementary school classroom. Prerequisite: admission to the Teacher Education program.

### **EDA 326 Elementary School Education**

Overview of elementary school education. Examines learning styles and strategies in relation to the content areas of science and mathematics. Students plan and implement lessons in a public school classroom. Prerequisite: admission to the Teacher Education program.

### **EDA 329A Master Teachers**

The lives of master teachers who have made a dramatic impact on human social behavior, identifying the variable in the life of each that produced excellence. Design a model for living a life of leadership and service and apply it to a local community leader.

### **EDA 330C Comparative Education**

Cultural variations in formal and informal education. Focus on East Asia, Western Europe and the U.S. Prerequisite: Sophomore standing.

### **EDA 336A Frames of Mind: the Study of Multiple Intelligences**

Examine Howard Gardner's proposal that all persons are born with the potential to develop a multiplicity of intelligences, most of which are overlooked in testing. Nature of intelligence, credibility of testing, idea of giftedness. Meetings with gifted individuals.

### **EDA 337S Images of Schools in Film: Misfits, Miscreants and Martinets**

The current debate over school quality and reform through images of schools in films compared to scholarly critiques of schools. How metaphors for schools shape behavior and thinking.

### **EDA 338A The Power of Stories**

Study of stories as personal myths through Robert Coles's *The Call of Stories*, Goethe's *Faust I*, Grass's *The Tin Drum* and other stories. Journal writing to clarify your own personal myth. Videos, songs, guest lecturers provide different perspectives on personal myth.

### **EDA 410 Issues, Involvement, Integration**

Senior seminar for education majors. The arts, effects of media, dynamics of educational choice, social foundations, professional issues, reform, special populations, computer enhancement, theory and application of creativity, cultural diversity. Prerequisite: Senior standing and simultaneous participation in internship.

**EDA/PSA 421 Educational Psychology**

Surveys the psychological foundations of education and applies these to the classroom setting. Includes student-led seminars and presentations, and in-school observations. Required for teacher certification. Prerequisites: PSB 101S, EDA 202S or PSB 202, ED/PSA 207.

**EDA 422/3/4 Professional Elementary Education**

Professional semester for elementary education interns; provides for practical experience in teaching at both the primary and intermediate elementary school level. Taken simultaneously with EDA 410.

**EDA 431 Secondary Education Methods**

Experience in theory and practice of instructional methodologies. Pre-internship in public school assisting in instruction, tutoring small groups, teaching. Prerequisite: admission to Teacher Education program.

**EDA 435/6/7 Professional Secondary Education**

Nine weeks of full time student teaching preceded by instruction in A-V materials, special methods of teaching, curriculum, school administration and recent innovations. Taken simultaneously with EDA 410. Prerequisites: admission to Teacher Education program, PSB 101S and EDA 431, EDA/PSA 421 and successful completion of comprehensives, senior project or thesis.

See also **Comparative Educational Studies**.

**ENGINEERING AND APPLIED SCIENCE — DUAL DEGREE PROGRAM**

Students who wish to pursue a dual-degree program should consult with Professor Edmund Gallizzi as early as possible in their academic program.

For description see page 12.

**ENVIRONMENTAL PERSPECTIVE COURSES**

Courses in this perspective are designed to enhance knowledge of the physical and biological world, to help the student make informed value judgments concerning the environmental consequences of personal and social actions.

**BIN 121E General Biology**

For description see **Biology**.

**CHN 101E Chemistry and the Environment**

For description see **Chemistry**.

**HDA 208E Basic Concepts in Wellness and Holistic Health**

For description see **Human Development**.

**LIA 328E Literature and Ecology: Writings About the Earth Household**

For description see **Literature**.

**LTL/NAN 283E The Growth and Nature of Scientific Views**

Based on Jacob Bronowski's film series *The Ascent of Man* amplified by lectures, demonstrations, laboratory work, discussions, research and supplementary reading.

**LTL 303E The Scientific Revolution and Human Values**

The 17th century Scientific Revolution as a redirection of Western society from theocentrism to scientific secularism. Copernicus, Kepler, Galileo, Bacon, Boyle, Descartes, Newton.

**MSN 119E Introduction to Oceanography****MSN 207E Introduction to Geology****MSN 208E Environmental Geology****MSN 308E Introduction to Meteorology**

For descriptions see **Marine Science**.

**NAN 244E Energy and Environment**

Options available to societies in producing energy, the consequences of each choice, and the different sets of values implicit in the choices.

## **Environmental Studies**

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### **NAN 281E Environmental Chemistry and Society**

Issues such as air and water pollution, pesticides, residues and nuclear energy. Social, economic and legal considerations. Minimal scientific background expected.

### **NAN 282E The Long Journey**

Evolutionary history of the universe, formation of elements, galaxies, stars and planets, chemical evolution leading to life and biological evolution culminating in consciousness as expressed in the imagination and intellect of humans. Sophomores or above.

### **NAN/LTL 283E The Growth and Nature of Scientific Views**

For description see LTL/NAN 283E above.

### **NAN 382E The Oceans and Man**

Introduction to oceanography; sea water, waves, tides, currents, weather, etc. Current issues in fisheries, mariculture, oil and mineral development, coastal use. Influence of the seas on the development of civilization. Sophomores or above.

### **NAN 383E Ecology, Evolution and Natural Resources**

Human involvement with environments past, present and future; inter-relationships between organisms and environments and their impact on humans; ethical ways of dealing with these issues. Field trips. Sophomores or above.

### **NAN 384E The Human Body as an Environment**

Techniques for maintaining a healthy body; human anatomy, physiology, nutrition, exercise, ways to monitor health; reaction to alcohol, drugs, and stress.

### **NAN 385E Genetics: A Human Perspective**

Basic genetics, emphasizing human applications and aspects of genetic engineering, incorporating value and ethical questions. Prerequisite: high school biology and chemistry; Sophomores or above.

### **PHN 209E Our Environment: The Universe**

For description see Physics.

### **PLL 243E Environmental Ethics**

For description see Philosophy.

### **REC 386E The Human Environment: Religious and Ethical Perspectives**

For description see Religious Studies.

See also Knight Reading Seminars.

See also Sea Semester

## **ENVIRONMENTAL STUDIES**

A student may plan an interdisciplinary concentration in environmental studies which will fit individual needs under the guidance and approval of a faculty supervisory committee. Several particular areas of study are especially pertinent to environmental studies. These include but are not limited to: Invertebrate Zoology, Botany, Ecology, General Chemistry I and II, Statistics, economics and political science. Students will ordinarily be expected to do a Senior thesis concerning some aspect of the local environment. Additional supporting courses in the natural and/or behavioral sciences will be recommended depending upon the specific direction a student wishes to take.

The following courses are required:

CHN 121/2 General Chemistry I and II

An entry level biology course

BEB 160M or MAN 133 Statistics

ECB 281S Principles of Microeconomics

ECB 282S Principles of Macroeconomics

MSN 208E Environmental Geology

ECB/MNB 383 Marine Resource Policy

ECB 389 Natural Resource and Environmental Economics

BIN 301 Principles of Ecology

Two of the following: POL 202 Public Policy Making in America, POL 305 Political Parties and Interest Groups, POB 321C Comparative European Politics.

One of the following: LIA 328E Literature and Ecology, PLL 213E Environmental Ethics, or REC 386E The Human Environment: Religious and Ethical Perspectives.

## **FORD APPRENTICE SCHOLARS PROGRAM**

### **FIH 301P The History of Ideas, I**

Major ideas from classical Greece through the Enlightenment that have shaped our intellectual heritage. Emphasis on origins of academic disciplines, sources of creativity, social and cultural factors, key individuals. Variety of learning methods. Prerequisite: Junior standing and selection as a Ford Scholar. Fulfills one perspective requirement.

### **FIH 302P The History of Ideas, II**

Continuation of FIH 301 covering nineteenth and twentieth centuries and culminating in a major project that draws on students' knowledge of history to address a significant intellectual problem of the future. Prerequisite: FIH 301 and selection as a Ford Scholar. Fulfills one perspective requirement.

### **FSS 410 Ford Senior Scholars Colloquium**

Required of Seniors in the Ford Apprentice Scholars program. Shared reflections on issues pertaining to research, teaching, and other aspects of teaching as a career. Participation both fall and spring semesters for a total of one course credit.

## **FRENCH**

See **Modern Languages**.

## **GENDER AND WOMEN'S STUDIES**

See **Women's and Gender Studies**.

## **GEOGRAPHY**

### **GEC 250 (Directed Study) Geography**

Concepts, theories and substantive material of modern geography. Relationship between material environment and human cultural systems.

### **GEC 350 (Directed Study) World Regional Geography**

Relationship of human activities to natural environment on world-wide basis. Soils, land forms, climate, vegetation, minerals and the cultural systems of different areas of the world.

## **GEOLOGY**

For description see **Marine Science**.

## **GERMAN**

See **Modern Languages**.

## **HISTORY**

Students majoring in history take ten courses, one of which may be a winter term project, including three in American and three in European history. Students are strongly encouraged to take one course in world history or a non-Western history course (one may be a winter term project), and HIL 400. Students interested in history begin with a survey course in American or European history, if they have not received AP credit for these fields. An introductory course in world history is also appropriate. Junior and Senior level courses in history build on the foundation of the survey courses, and may be taken only with the appropriate prerequisites, or permission of the instructor.

Students majoring in history are expected to be familiar with the fields of American and European history and have awareness of world history. Students who complete this major demonstrate the following competencies:

- knowledge of American and European history demonstrated by the ability to talk and write intelligently about these fields.
- ability to think historically with regard to issues such as causation, cultural diffusion, the role of the individual in history, geographic and demographic influences in history, and gender and minority issues in the past, citing examples from both the Western tradition and the wider global experience.
- awareness of the historical method and historiography generally, and knowledge of the historiography of at least one field with some thoroughness.
- ability to locate bibliographical information on historical topics, and to engage in scholarly writing such as book and film reviews, annotated bibliographies, and historical and historiographical essays.
- ability to do historical research based on primary source material.

## **History**

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A minor in history consists of six history courses, two in American, two in European, and one in global or non-Western history, and HIL 400. At least four of the courses must be at the 300 level or above.

### **HIL 203C Europe in Transition: 1300-1815**

Medieval roots of modern Europe, Renaissance, Reformation, economic and geographic expansion, scientific revolution, Enlightenment, French and Industrial Revolutions.

### **HIL 204C The Foundations of Contemporary Europe: 1815 to the Present**

Nationalism and liberalism, industrial revolution, imperialism, World War I and its consequences, Russian Revolution, depression, rise of dictatorships. Intellectual developments of the period.

### **HIL 216S Your Family in American History (Directed Study available)**

History of student's own family in context of American history. Research in family records, interviews with family members, background reading in recent American social history.

### **HIL 223 History of the U.S. to 1877**

Colonial foundations of American society and culture, the American Revolution, development of a democratic society, slavery, Civil War, Reconstruction. Various interpretations of the American experience.

### **HIL 224 History of the U.S. since 1877**

Transformation from an agrarian to an industrial nation. Industrial Revolution, urbanization, rise to world power, capitalism, New Deal, world wars, cold war, recent developments. Social, cultural, political and economic emphasis.

### **HIC 231S Revolutions in the Modern World**

Revolution as an idiographic phenomenon with examination of the French and Russian Revolutions; revolutionary leadership with emphasis on Mao Tse-Tung's role in Chinese revolution. Revolution as a comparative study. Offered in alternate years.

### **HIC 232C World History to Columbus**

History of the world from the emergence of major Eurasian civilizations to 1500, with emphasis on the evolution of the "Great Traditions," cultural diffusion, interaction of cultures.

### **HIC 233C Global History in the Modern World**

History of the world since 1500 with emphasis on the interaction of Western ideas and institutions with the rest of the world. Contributions of geography, demography and biography to understanding the world today.

### **HIC 244A Cultural History of Russia**

Kievan and Muscovite periods, Europeanization initiated by Peter the Great, Golden Age of Russian culture, revolutionary culture, Soviet attitudes toward culture. Permission of instructor required for Freshmen. Offered in alternate years.

### **HIL 253 (Directed Study) United States History**

Colonial foundations, American Revolution, 19th century democracy, slavery, Reconstruction, Industrial Revolution, New Deal. Social, economic and political developments shaping contemporary American society.

### **HIC 264C The History of the Two St. Petersburgs**

The history of St. Petersburg, Florida, which celebrated its centennial in 1988, and the Russian St. Petersburg.

### **HIL 301C Columbus and the American Encounter**

History and consequences of Columbus's voyages to America. European and American civilizations on the eve of the age of discovery, life and voyages of Columbus, encounter between European and indigenous American cultures, long-range consequences of European conquest of the Western Hemisphere.

**HIL/I 310 (Directed Study) History of England to 1688**

History of England from Roman occupation to George I, and its significance for Americans. Norman Conquest, federalism, growth of common law, Parliament, Tudor revolution, Anglican Reformation, 17th century revolutions, and triumph of parliamentary oligarchy.

**HIL/I 311 (Directed Study) History of Modern Britain Since 1688**

Modern Britain from George I to present. Industrial Revolution, empire, cabinet system of government, transformation from agrarian to industrial, welfare state, loss of imperial power. Prerequisite: permission of instructor.

**HIL/I 312 (Directed Study) History of London**

Urban history of London as the first truly modern city. Visit historical sites, museums, libraries. Exposure to one of world's great cultural, financial and political centers. Prerequisite: HIL 310 or permission of instructor.

**HIL 321 Women in Modern America: the Hand that Cradles the Rock**

Feminist theory, growth of women's movements, minority women, working women, changes in women's health, birth control, images of women in literature and film. Changes in women's position in America.

**HIL 322 The U.S. as a World Power**

History of foreign policy: imperialism, internationalism, isolationism, pacifism, collective security, "New Left" anti-imperialism. Recent controversies over Cold War.

**HIL 323 From the Flapper to Rosie the Riveter: History of Women in the U.S. 1920-1945**

History of American women and the family, images of women in popular culture and literature, impact of the Great Depression and World War II on the family.

**HIC/L 331-332 Special Topics in History**

In addition to opportunities for independent study and research, faculty will occasionally offer special topics courses.

**HIL 334 African-American History I**

The contributions of African-Americans from the Colonial period to the Reconstruction. Participation in American Revolution, rise of Cotton Kingdom, development of distinct culture, Civil War and Reconstruction.

**HIL 335 African-American History II**

African-American history from Reconstruction to the present. Developments in education, racism, participation in military, socioeconomic development, Civil Rights movement and legislation.

**HIL 336S Civil Rights Movement: 1945-75**

Black participation in World War II, the effects of the Brown Decision and various Civil Rights legislation, the rise of Black nationalism.

**HIL 337 The Civil War**

Events that preceded the Civil War and contributed to disunion, such as the Southern Carolina Nullification Crisis, the Compromise of 1850, and John Brown's raid. Impact of the war on both North and South. PBS video on Civil War is used.

**HIC 342 The Rise of Russia**

Evolution from 9th century to 1801. Byzantium, Mongol invasion, conflicts with Germans, Poles and Swedes, influence of the West.

**HIC 343 Modern Russia and the Soviet Union**

Imperial Russia, Russian revolution, continuity and change in Russian and Soviet history, and the former Soviet Union as a totalitarian society and world power.

**HIL 345 American Social and Intellectual History I**

American culture, thought and social institutions to 1865: Puritanism, Enlightenment, 19th century democracy, slavery, racism. Prerequisite: previous college level work in American history is assumed.

## History

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### **HIL 346 American Social and Intellectual History II**

American culture, thought and social institutions from 1865 to present: Darwinism, industrialism, Progressive Movement, liberal democracy in the 20th century. Prerequisite: previous college work in American history is assumed.

### **HIL 347 Recent American History: The Historians' View of Our Times (Directed Study available)**

Current trends in interpreting U.S. history since World War II. Transformation of American society since 1945 and the new position of the U.S. in world affairs.

### **HIL 348 The New Deal**

America during the 1930's; impact of the depression on American life, and contributions of the New Deal. Not open to Freshmen. Prerequisite: at least one course in American history, political science, or a related field.

### **HIL 351 (Directed Study) The Industrial Revolution in America**

Industrial, economic and social change which produced a transformation of American society, and the reaction of Americans to these changes. Prerequisite: some previous work in American history.

### **HIL 352 (Directed Study) The Progressive Movement**

One of the great movements for reform in American history: Progressivism as political movement, presidential leadership, reform of society, intellectual development. Prerequisite: previous work in American history or political science.

### **HIL 361 Modern France: 1815 to Present**

Political, social, economic and intellectual development of France from the revolution to the fall of DeGaulle's government. Prerequisite: Junior standing and familiarity with European history.

### **HIL 363 The Renaissance**

Intellectual, cultural, political and economic conditions which interacted to create the Renaissance, and its transmission to northern Europe. Prerequisite: HIL 203C or permission of instructor.

### **HIL 364 The Reformation**

Reformation theology in its political and institutional context. Theology and structure of each branch of the Reformation, and the political contexts of the various movements. Prerequisite: HIL 203C or permission of instructor.

### **HIL 365 Topics in European Women's History**

Methodology and approach of women's history. Topics vary by semester, but include such subjects as women in the Christian tradition, and women and war in the 20th Century. Prerequisite: one of either HIL 203C, 204C, 232C, 233C, or permission of instructor.

### **HIL 367 Paris and the Enlightenment**

Social, political and intellectual developments of 18th century France as manifested in the people and events of Paris. Students may pursue topics in their own discipline. Prerequisite: HIL 203C or permission of instructor.

### **HIL 369C The French Revolution**

Students who are not primarily students of history can learn the history and values of France before and during the Revolution.

### **HIL 371 Latin American History**

Survey of economic, social and political patterns from 19th century independence to present, with continuities in trade, labor, leadership and social order reflecting Latin America's colonial heritage, and its contemporary role in the global economy.

### **HIC 380C Traditional Japan: A Cultural History**

Study cultural patterns and values in pre-modern Japan to understand present-day Japanese society. A follow-up course to East Asian Studies for those desiring more detailed study of Japan.

**HIC 389 History of Eastern Europe**

Sixteenth century to present with emphasis on influence of Germans and Russians. Geography, linguistics, religion, nationalism and political realities. Prerequisite: at least one course in European or Russian history, or permission of instructor.

**HIL 400 Towards a New Past: Making History**

The philosophy of history, new approaches to historical study, and new developments in the field. Historians whose interpretations have had a major impact on their fields. Required for history majors.

**AML 306S American Myths, American Values****AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers****AML 308S Becoming Visible: Sex, Gender and American Culture**

For description see **American Studies**.

**CUC 282C East Asian Area Studies****CUC 283C Russian Area Studies**

For descriptions see **Cross-Cultural Perspective**.

**HONORS PROGRAM**

For description see page 18.

**WHF 184 Western Heritage (Freshman year)**

For description see **Western Heritage**.

**Perspective Courses (Sophomore and Junior years)**

Two perspectives courses are designated each year as Honors Perspectives. Please consult the course schedule.

Honors students are required to take at least two perspective courses and are excused from the collegial distribution requirement to give them flexibility and to avoid scheduling difficulties.

**SSH 410 Honors Colloquium (Senior year)**

A student directed seminar focusing on both common curriculum experiences and specific policy and values issues related to the students' individual disciplines. A two semester course for one course credit.

Students taking the Senior Honors Colloquium also take the Senior Seminar in their collegium or discipline.

**HUMAN DEVELOPMENT**

An interdisciplinary major integrating aspects of psychology, education, sociology, ethics, and anthropology. Within the context of a strong liberal arts foundation, students study the process of human growth and change. Focus is on an enhanced understanding of the self and others, the facilitation of change in individuals, groups, and organizations, and the development of optimal potential as human beings throughout the lifespan.

The core courses in the major include the following which are listed in the order in which they should be taken. All courses require a grade of C or better to qualify for graduation in the major.

1. Introduction to Human Development
2. Statistical Methods
3. Introduction to Clinical and Counseling Psychology or Counseling Strategies: Theory and Practice
4. Group Dynamics
5. Psychology of Consciousness
6. Social Ecology and Mental Health
7. Ethical Issues in Human Development
8. Leadership and Administrative Dynamics
9. Internship in Human Development
10. Senior Seminar: Self-Esteem

The extensive 210-hour internship and a minimum of five (5) other courses are required in the emphasis area of the student's choice. Students may choose an area of emphasis in mental health, leisure services, wellness and holistic health, youth services, early childhood, or social work. Only in special cases may the student in conjunction with a Mentor design an alternative area.

As a result of a major in human development, students are expected to possess:

- knowledge of the key stages, major psychological, sociological, and educational principles associated with human development, the fundamental theories of counseling and

## **Human Development**

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maximizing human development, and diverse value systems and multicultural perspectives encountered in the field.

- skills in social science analysis and research methodology, effective communication and interpersonal relationship dynamics.
- understanding and application of the stated ethical principles of the counseling and human development professions, and the role of self and personal values in helping relationships.
- a personal strategy of helping based on all of the above.

These competencies are demonstrated through satisfactory completion of the required courses and Senior comprehensive examination.

To minor in human development a student must complete Introduction to Human Development, Introduction to Clinical and Counseling Psychology or Counseling Strategies: Theory and Practice, and **three** of the following: Social Ecology and Mental Health, Ethical Issues in Human Development, Psychology of Consciousness, or Group Dynamics.

### **HDA 101 Introduction to Human Development**

Overview of the helping professions; study of life stages with accompanying needs, crises, passages; community family support systems; relationships between personal values and life problems. Field trips.

### **HDA/EDA 202A Human Development: Culture and Identity**

For description see **Education**

### **HDA 203 The Adolescent Experience**

Changes, events and circumstances of the period between childhood and adulthood. Social learning theory, going beyond and beneath stereotypes and impersonal perspectives. Prerequisite: PSB 101S or HDA 101 or permission of instructor. Not offered on a regular basis.

### **HDA 204 Socialization: A Study of Gender Issues**

Socializing processes affecting men and women; social roles and their origins, sexual differences, effects on mental health and unifying aspects of masculine/feminine nature; influence of culture, understanding socialization processes. Recommended: HDA 101 or PSB 101S or SLB 101S.

### **HDA 205 Theory and Practice in Student Personnel**

Theoretical and philosophical foundations of post-secondary student affairs profession, functional units, organizational approaches, current issues, necessary skills.

### **HDA/PSA 206 Introduction to Clinical and Counseling Psychology**

For description see **Psychology**.

### **HDA 208E Basic Concepts in Wellness and Holistic Health (Directed Study available)**

Attaining and maintaining health through nutrition, physical fitness, weight control, stress management, substance use, personal intimacy, emotional and spiritual well-being.

### **HDA 209 Childhood Roles and Family Systems (Directed Study available)**

Adaptive nature of childhood roles (Hero, Scapegoat, Lost Child, Mascot) and their continued effect on adults. Strengths/weaknesses, benefits/losses of specific roles. Compare healthy and dysfunctional families. Prerequisite: HDA 101 or PSB 101S with a grade of C or better or permission of instructor.

### **HDA 225 Introduction to Social Work**

Introduction to profession, practice, history and value bases of social work. General systems framework utilized. Current professional trends in the local community, newspaper reading and guest lecturers. Prerequisite: HDA 101.

**HDA 269S Leisure and Lifestyle**

Analysis of leisure theories, concepts and principles and the identification of psychological, sociological, and economic trends that influence leisure behavior. Students develop personal leisure awareness and philosophy.

**HDA 271 Leadership and Programming**

Fundamentals of developing and implementing programs for structured groups in health, mental health, leisure, education, and other settings to meet needs and interests of different populations. Prerequisite: HDA 101, PSA/EDA 207.

**HDA/PSA 302 Gestalt Theory and Practice**

For description see **Psychology**.

**HDA 305 Human Diversity: Overcoming Barriers**

Characteristics, needs and intervention implications for handicapped populations. Prerequisites: PSB 101S, SLB 101S or HDA 101. Not offered yearly.

**HDA/PSA 309 Abnormal Psychology**

For description see **Psychology**.

**HDA 310 Activity as Therapy**

Activity therapy in hospitals, agencies, nursing homes, public and private institutions for the disabled, and the planning process involved in treatment. Prerequisite: HDA/PSA 206 or HDA 325. Not offered yearly.

**HDA 321 Practicum in Leadership and Programming  
(Directed Study available)**

Supervised leadership and programming experience. Class discussions and problem solving. Minimum 96 hours of field work. Prerequisite: HDA 101 and 271, permission of instructor and Junior or Senior standing.

**HDA 322 Fundamentals of Alcoholism Counseling**

Theories of addiction, techniques of treatment, individual and group counseling, specific populations, family therapy, evaluation of progress. Role playing, post-session critiques, field trips. Prerequisites: Junior or Senior standing, C or better in HDA/PSA 206, or HDA 325 and instructor's permission.

**HDA 323 Psychodrama**

Role training exercises in therapeutic psychodrama, use of sociometry as a tool, techniques and ethical considerations. Prerequisite: Junior or Senior standing, C or better in HDA/PSA 206 or HDA 325, and/or instructor's permission.

**HDA 324 Play Therapy for Children**

Theory, selection of children, rationale of toy selection, the therapy hour and process, theory and practice of limits. Qualifications, research, special problems for the child therapist. Role playing, post-session critiques, field trips must be attended. Prerequisite: Junior or Senior standing.

**HDA 325 Counseling Strategies: Theory and Practice**

Review of schools of thought on systems of counseling and personal growth. For students planning to use counseling related skills in their careers. Prerequisite: HDA 101 or PSA 101S or permission of instructor.

**HDA 326 Counseling for Wellness  
(Directed Study available)**

Holistic/wellness paradigm to health — involving social, physical, emotional, spiritual, mental and vocational aspects. Theory, research, alternative health care, counseling procedures. Prerequisites: HDA 101, HDA 208E, HDA/PSA 206 or HDA 325 or permission of instructor. Generally offered alternate years.

**HDA 327 Social Ecology and Mental Health**

Theory, practice, development and evaluation of community mental health systems. Survey of local programs; overview of prevention and early intervention strategies; practice in designing programs for the Eckerd College community. Prerequisites: PSB 101S or HDA 101, and BEB 160M.

## **Humanities**

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### **HDA 372 Leisure Counseling: Facilitating Leisure Experience**

Overview of leisure counseling and education leisure. Philosophical issues, historical perspectives, significance of leisure counseling in contemporary society, implementation of service. Prerequisites: HDA 101, HDA/PSA 206 or HDA 325, and HDA 269S. Not offered yearly.

### **HDA 386S Ethical Issues in Human Development**

What makes professionals ethical or unethical? Relationships between ethics and personal and societal values explored; in-depth look at helping professions such as counseling, law, health and medicine, ministry; making ethical decisions.

### **CRA 387S Jung, Myth and Lifestyles**

For description see **Social Relations Perspective Courses**.

### **HDA 401 Internship in Human Development**

A field-based learning experience; 210 on-site hours of off-campus placements, such as centers for drug abuse, delinquency, women's services, mental health. Prerequisite: Senior standing and permission of instructor.

### **HDA/PSA 403 Practicum in Peer Counseling**

Developing skills in interviewing, assessing individual problems and strengths. Role played and videotaped counseling sessions, supervised counseling experience appropriate to student's level. Prerequisites: PSB 101S or HDA 101, HDA/PSA 206 or HDA 325 or permission of instructor.

### **HDA 404 Leadership and Administrative Dynamics**

Basic principles and distinctiveness of human service organizations, administrative tools and techniques, facilitating the change process, value tensions and coping with strategies. Junior or Senior standing or permission of instructor.

### **HDA/PSA 405 Practicum in Group Process**

Theory, process and clinical applications of group counseling. Use of group techniques with different populations and settings. Videotaped and role played group sessions. Prerequisites: PSB 101S or HDA 101, HDA/PSA 206 or HDA 325 and EDA/PSA 207 with a grade of C or better.

### **HDA 410 Self-Esteem**

The Senior seminar for human development majors. Relationship of self-esteem to social and personal failures, such as crime, substance abuse, welfare dependency, dropouts, etc. Ways to develop self-esteem and the place of values and ethics in this process. Field trips, guest speakers, projects, personal growth.

See also **Psychology**.

## **HUMANITIES**

This interdisciplinary major coordinated by the Letters Collegium is a flexible way to study enduring human issues, since it is designed by a student and Mentor around a central focus (e.g., historical period, geographical area, cultural/intellectual movement) and a methodology provided by five courses from one core discipline (art, foreign language, history, literature, music, philosophy, political science, religion, sociology, theatre) and five other complementary courses. At least five courses must be beyond the introductory level. Humanities students will be encouraged to participate together in selected integrative humanities courses. A guiding committee of three faculty from disciplines in the student's program will be selected by the Junior year, that will design and evaluate the Senior comprehensive exam, or may invite the student to write a Senior thesis.

## **INTERNATIONAL BUSINESS**

The international business major is designed to provide students with a variety of proficiencies and experiences related to career opportunities and/or preparation for graduate work. Requirements for the major are:

### **Language**

Five courses in one language with demonstrated conversational skills, or the equivalent with a minimum average of 2.0.

### **Foreign Cultures**

Introduction to Anthropology with a C or better, one cultural area course, and two courses to be chosen from a list of internationally focused economics and /or political science courses.

### **Business Foundations**

Principles of Accounting, Principles of Macroeconomics, Principles of Marketing, The Managerial Enterprise, Finance, the latter three courses with a C or better.

### **International Business**

The Cultural Environment of International Business, International Marketing, International Finance and Banking, and the comprehensive examination, all with a C or better.

Prerequisite to international business courses is either Statistical Methods, College Algebra, Calculus I or Introduction to Computer Science.

### **Study Abroad**

A winter term, summer term or semester abroad within an appropriate International Education program, or an individualized study under the direction of a member of the faculty committee. International students are exempt.

### **Freshmen and Sophomores**

#### Foreign Language

Introduction to Anthropology

Cultural Area course

Mathematics requirement

Cultural Environment of International Business

### **Sophomores and Juniors**

Foreign experience

Accounting

Macroeconomics

### **Juniors**

Managerial Enterprise

Finance

Marketing

International politics and/or economics courses

### **Seniors**

International Finance and Banking

### **International Marketing Senior Comprehensive Examination**

The competencies achieved in the major are:

- knowledge of international business fields within a multidisciplinary perspective, including anthropology, management, foreign language, foreign experience, economics, political science, culture area, marketing, accounting and finance.
- cross-cultural understanding and experience, and the capacity for leadership on cross-cultural issues in business and community life.
- preparation for careers in international business.
- preparation for graduate degree programs in the field of international business and related multicultural and international fields.

Requirements for a minor include successful completion of ANC 201S, IBC 385, IBC 485, IBC 486, and an overseas winter term or other program in a foreign country.

### **IBC/ANC/MNB 260 The Cultural Environment of International Business**

### **IBC/ANC/MNB 261 International Management**

For descriptions see **Anthropology**.

### **IBC 410 Ethical Issues in World Trade**

Senior seminar for international business majors. Study moral issues and ethical problems to understand complexities, interplay of values, law and ethics as they effect international business praxis.

### **IBC/MNB 485 International Marketing**

International product management, pricing in foreign markets, multinational distribution and business logistics systems, world-wide promotion programs, international market and marketing research. Prerequisite: MNB 369.

### **IBC/MNB 486 International Finance and Banking**

International banking system, foreign exchange risk management, long run investment decisions, financing decisions, working capital management, international accounting, tax planning. Prerequisite: ECB 282S, and MNB 377 or 378.

## International Education

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### IBC 498 Multinational Corporate Strategy

Comprehensive offered during winter term.

## INTERNATIONAL EDUCATION

### LONDON OFFERINGS

#### ARI 321A British Painting 1760 - 1960

Hogarth, Reynolds, Stubbs and Turner studied in depth. Collections of George III, Sir John Soane, Duke of Wellington and other connoisseurs of the period discussed. Visits to museums and galleries.

#### ARI 351 (Directed Study) A History of English Architecture

For the London semester student, an introduction to the history of English architecture, from Anglo-Saxon times to the present. No prerequisites, but some contact with art or art history is recommended.

#### HII 310 (Directed Study) History of England to 1688

#### HII 311 (Directed Study) History of Modern Britain Since 1688

#### HII 312 (Directed Study) History of London

For descriptions see **History**.

#### INI 350 (Directed Study) The Maritime Heritage of England

The influence of the sea on the English nation, its contribution to economic development and the values of its people, through readings and visits to museums and historic sites.

#### INI 389C British Seminar

Required for students in the London semester. The historical, institutional and contemporary issues of Britain, with particular attention to London. Visiting experts in various fields, excursions and readings help students develop understanding of Britain today.

The British Seminar is valid as a Cross-Cultural Perspective course in Comparative Cultures, Creative Arts and Letters. It is not valid as a Cross-Cultural Perspective course in Behavioral or Natural Sciences.

### POI 2/301S Introduction to Contemporary British Politics

Major issues in contemporary British politics: the changing setting, need for institutional reform, mark of Thatcherism. British developments and decisions in the context of domestic constraints and imperatives.

#### PSI 350 (Directed Study) Youth Experience in a Changing Great Britain

The impact of recent events on British youth through face-to-face encounters and an examination of the institutions which shape their lives. Prerequisite: PSB 202 or a course in child development and consent of the instructor.

#### THI 365A Theatre in London

London theatre, including backstage tours and guest lectures, covering drama from classical to modern. For students with a general interest in theatre, of whatever major.

### ITALY OFFERINGS (Florence)

#### ITI 1/2/3/401/2 Italian Language

A requirement while studying in the Florence program. Classes at Europass Centra Studi Europeo, Florence.

#### ARI 2/324 Etching

Intaglio, aquatint, soft ground, sugar lift, relief printing, air brush ground, dry-point, engraving. Prerequisite: proficiency in drawing and design.

#### ARI 2/325 Oil Painting

Old masters and modern oil painting techniques through the study of great artists' work, and of free compositions. Learn to use the medium and develop a personal style.

#### ARI 2/326 Watercolor

Pigments, brushes, papers, washes, overlay, form, chiaroscuro, techniques.

#### ARI 2/344 Drawing

Line, modeling, chiaroscuro, perspective, composition. Both drawing and watercolor not required; however drawing in preparation for painting expected.

**INI 379C Florence Seminar**

The history and culture of Italy, visiting art and history museums and other points of interest in Florence and vicinity. Required of all students in the Florence program.

**Directed Studies offered to Florence students only.****ARI 300 Florence: An Architectural History of the City**

The historical developments of 2,000 years which shaped the image of Florence, and major developments in Western architecture as they were originated and interpreted by the Florentine creative spirit.

**LLI 300 Florentine Literature**

Specific assignments on the greatest Florentine writers: Dante, Boccaccio, Petrarch, Machiavelli, Cellini and others, and places in Florence associated with them.

**OTHER OPPORTUNITIES**

Eckerd College cooperates with several institutions to provide students with opportunities in other overseas locations. In all cases, courses are chosen at the time of registration at the host university.

**France**

Full year exchange with ISEP or CIEE (see below). Semester or year in Aix-en-Provence or Avignon in cooperation with the Institute for American Universities. Prerequisite: two years minimum of college French.

**Germany**

Semester abroad in Freiburg, in cooperation with Stetson University or with ISEP or CIEE. Prerequisite: two years of college German. Language and humanities.

**Japan**

Full-year exchange opportunities at Kansai Gaidai (Osaka) or Nanzan University (Nagoya). Full range of courses. Classes in English. Japanese recommended prior to exchange.

**Korea**

Semester or full-year at Ewha Woman's University (Seoul). Wide range of courses. Classes in English.

**Spain**

Semester abroad in Madrid, in cooperation with Stetson University. Prerequisite: two years of college Spanish. Language, humanities. Year program available through ISEP or CIEE.

**ISEP (International Student Exchange Program)****CIEE (Council on International Educational Exchange)**

Opportunities to study overseas for a semester or year at one of over 100 locations throughout the world. Students enroll in universities abroad. Fees are paid to Eckerd College, and all scholarships, loans and grants apply as if on campus.

Information on all of the above is available from the International Education and Off-Campus Study office, Sheila Johnston, Director.

**INTERNATIONAL STUDIES**

An interdisciplinary major in international studies should form a consistent pattern of courses that focus on one foreign nation or cultural area of the world, or on a global topic involving nations from different parts of the world. The major includes language study, courses in the same cultural area of the world, courses in a particular discipline, and study abroad for a year or semester.

Students majoring in international studies are guided by a three member committee, including one faculty member from the core discipline, and two other faculty members with whom the student has worked in the major.

The major consists of a minimum of ten courses, with at least five from one of the core disciplines – economics, political science, history, or anthropology – and at least six courses beyond the introductory level. Courses taken in the core discipline must comply with the sequencing requirements of that discipline. Included in the ten courses must be Introduction to International Relations or Introduction to Comparative Politics, Introduction to Anthropology, and at least three courses related to the chosen geographic area. Students

## **Knight Reading Seminars**

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are also required to complete at least two years of college level foreign language study plus one year abroad in a country related to the chosen language, geographic or cultural area; or two and a half years of college level foreign language study and one semester in the related country.

Serving as a Resident Adviser in an international residence house or as an intern with the ELS Language Center is also advised.

International students should confer with the major faculty, as there are special requirements more suited to them.

Students majoring in international studies begin with two required courses: Introduction to Anthropology, and Introduction to International Relations or Introduction to Comparative Politics. They also begin their study of a foreign language immediately since they are required to complete at least two years of college level foreign language plus one year abroad in a country related to the language, or two and a half years of college level foreign language and one semester in the related country. Students also take at least five courses from one core discipline — anthropology, economics, history, or political science — which must comply with the sequencing requirements or the specified requirements of the discipline, and they take at least three courses in a cultural area of the world related to their foreign language study. At least six of the ten required courses must be beyond the introductory level.

Students who complete the international studies major demonstrate the following competencies:

- acquaintance with one modern foreign language, including an understanding of its grammatical structure, acquisition of basic vocabulary, and oral expression.
- knowledge of the social, political, and cultural structures of one particular country or area of the world.
- understanding of the disciplinary perspective of one chosen discipline.
- ability to write, think, and speak effectively in communicating the interrelatedness of peoples and cultures.

## **ITALIAN LANGUAGE**

See *Modern Languages*.

## **ITALY OFFERINGS**

See *International Education*.

## **JAPANESE LANGUAGE**

See *Modern Languages*.

## **JUDAEO-CHRISTIAN PERSPECTIVES COURSE**

### **JCP 410 Judaeo-Christian Perspectives on Contemporary Issues (Directed Study available by petition only for Seniors)**

Team-taught interdisciplinary capstone Senior seminar examines the values and perspectives of the Judaeo-Christian tradition applied to contemporary issues. Required for all Seniors.

## **KNIGHT READING SEMINARS**

The following courses fulfill any of the four perspective requirements, but do not relieve the student of the requirement that the four perspective courses be taken in four different collegia.

### **KSA 201P Models, Myths and Music**

Are transformation, conflict and status quo the phenomena which underlie all myths, models of the universe, and musical forms? Address this question, focusing on primary texts in natural science, literature and music.

### **KSB 201P Power, Authority and Virtue**

Government and society depend on what people believe. Examine the relationship between virtue, power, and authority through study of some of the great philosophical texts which have informed this inquiry in modern civilization.

### **KSB 202P Sociology of Knowledge**

Society constructs its own views of reality. Individuals unquestioningly accept definitions of reality offered by the culture, and also contribute to the modifications of these definitions. Socratic method, dialectical method, metaphysics/dialectical materialism, revisions.

**KSL 201P The Ancient Tradition I:  
Homer to Plato**

Classical Greek *paideia* (culture/education) through great texts of the era, to see what can be learned from them about the things that matter most of all today. Hesiod, Aeschylus, Euripides, Hippocrates, Thucydides, Plato, Aristophanes.

**KSL 202P The Ancient Tradition II:  
Empires and Ethics**

Great literary, historical, scientific and philosophical texts of later classical and Hellenistic Greece to the late Roman Empire, studied for insights and understanding about things that matter today.

**KSL 203P Search for a Transcendent  
Order**

Examination of selected Western texts touching on religious themes, from the Biblical era to the Reformation, with a focus on their understanding of the transcendent and its implications for the way individuals and societies order and direct themselves.

**KSL 204P Ethics: Human Development  
and the Good Life**

The nature of and prerequisites for the good life. Analysis of duties, rights, opportunities, human nature, social organization, comparing ancient times with the present. Aristotle, Shakespeare, Kant, Mill, Marx and others.

**KSL 205P Plato and Aristotle's Science**

Analyze how Plato and Aristotle's physical science criticized and developed pre-Socratic sciences, and the negative and positive contributions they made to medieval and modern science, including interrelationship between science, politics and religion.

**KSL 206P Truth and Narrative**

The relationship of truth to the medium of narrative. Criteria for judging truth in scientific, historiographic, religious or literary narratives. Practice in intellectual discussion, reasoned argumentation, clear writing.

**KSN 201P Models of Reasoning:  
the Rationalist/Empiricist Conflict**

Examine historical, philosophical and scientific roots of the clash of paradigms for understanding the nature of mind. Explore the nature of intelligence, reasoning, awareness. Plato, Aristotle, Locke, Skinner, Douglas, Wiener, Joyce, and others.

**LANGUAGES**

See **Modern Languages**.

**LATIN**

See **Classical Languages**.

**LINGUISTICS**

For description see **Anthropology**.

**LITERATURE**

Students majoring in literature must have a Mentor in the literature discipline, preferably chosen by the second semester of the Sophomore year, and must take a minimum of eight literature courses, including at least one from English literature prior to 1800, and one from American literature. One of these may be a writing workshop course. Literature majors work out their schedules with their Mentors according to individual needs. Literature majors must successfully pass a Senior comprehensive exam, covering in survey fashion English, American and comparative literature, literary criticism, and methodological application; course selections should be made with this requirement in mind. In exceptional cases, students who have established their proficiency in literature may be invited to write a Senior thesis in place of the comprehensive exam. Students seeking to major in literature in addition to a primary major in another field must request permission of the faculty in literature as soon as possible, but not later than the second semester of the Junior year.

Courses are divided into three categories: introduction to study of literature (typically 100 level courses) and perspective courses; mid-level (typically 200-300 level courses), and advanced (courses with prerequisites, Senior seminars, etc.).

Students develop competencies in analysis and interpretation of texts, skills in presenting

## **Literature**

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ideas in writing and discussion, awareness of English and American literary traditions and cultural contexts, research skills, and appreciation for literature as an art.

For a minor in literature students take five courses in literature, one of which may be a writing workshop, three of which must be Eckerd College courses, and two of which must be at the 300 level or above. Four courses taken at Eckerd must be taught by faculty in the literature discipline.

### **LIA 101 Introduction to Literature: Short Fiction**

Short stories and novels, concentrating on critical thinking, clear, concise written and spoken exposition, and values embodied in great works. Attendance is required.

### **LIA 102 Introduction to Literature: The Four Genres**

Plays, poems, novels and short stories, concentrating on critical thinking, clear, concise written and spoken exposition, and values embodied in great works. Attendance is required.

### **LIA 109 Introduction to Poetry**

Major forms and traditions through established and experimental examples from English and American poets. Lyric, narrative, ballad, sonnet, villanelle.

### **CRA 202A Literature and Vocation**

For description see **Aesthetic Perspective**.

### **LIA 202 Journalism**

Basic news story, in-depth reporting, reviews, features, editorials, editing, layout, social and legal issues facing the press. Students should have previous experience in high school or college journalism.

### **LIL 210A Human Experience in Literature**

Basic human experiences (innocence and experience, conformity and rebellion, love and hate, the presence of death) approached through great poems, stories and plays. Literature from 400 B.C. to the present.

### **LIA 221 American Literature I: The Puritans to Whitman**

Literature of 17th, 18th and 19th century America. The development and transfiguration of American attitudes toward nature, religion, government, slavery, etc., traced through literary works.

### **LIL 222 American Literature II**

Survey of American literature from the mid-19th century to the present. Dickinson, Twain, James, Crane, Pound, Eliot, Frost, Stevens, O'Neill, Hemingway, Faulkner, Lowell, O'Connor, Welty and a range of contemporaries.

### **LIL 223 American Literature III**

Major writers and literary works from 1920 to present. Important movements such as the Harlem Renaissance, Modernism, ethnic writing, the search for meaning, experimentation in form.

### **LIA 225 Modern American Poetry**

Major American poets from 1900 to 1950, concentrating on the meaning and values expressed in the poems, the development of modernism, and the reflection of America as our society developed.

### **LIA 226A Literary Genres: Short Novels**

The short novel and ways in which it differs from shorter and longer fiction, how literature embodies values, and practice in the enunciation and defense of reasoned critical opinions. Attendance is required.

### **LIA 228A The American Short Story: Fiction into Film**

Literature of 19th and 20th century America: humorists, poets, novelists, dramatists and short story writers, including Twain, Dickinson, Eliot, Frost, Henry James, Hemingway, Faulkner, O'Neill, Williams, O'Connor, Baldwin, Welty. Attendance required.

### **LIA/ANC 230 Linguistics**

For description see **Anthropology**.

### **LIC/RUC 232 Russian Classics in Translation**

### **LIC/RUC 234 Russian Literature in Translation**

For descriptions see **Russian Studies**.

**LIL 235 Introduction to Shakespeare**

Shakespeare through sampling each dramatic genre: comedy, tragedy, history and romance. Learn to appreciate and evaluate his writings, and the characteristic distinctions among the genres.

**LIL/THA 236/7 History of Drama I and II**

Two semester course; either may be taken independently. Part I includes Greek drama through the Restoration and 18th century. Part II includes pre-modern, modern and contemporary classics.

**LIL 238 English Literature I: to 1800**

General survey from the Old English to the Neoclassic period, highlighting the historical traditions which the authors create and upon which they draw.

**LIL 239 English Literature II**

General survey of British literature from 1800 to 1950, including Romantic, Victorian, modern and contemporary writers. The historical tradition and outstanding individual artists.

**LIA 241A Major American Novels**

Major American novels, their narrative art, their reflection of American culture, their engagement of the readers' hearts and minds, exploring some of life's great questions as revealed by masterful writers.

**LIA 242A Introduction to Native American Literature**

Emphasis on Navajo, Pueblo and Kiowa oral narrative, autobiography, essay, poetry, fiction. Connections between myths in Native American stories and contemporary Anglo culture.

**LIA 250 (Directed Study) Children's Literature**

The best of children's literature in various genres. Students do either a creative (e.g., writing children's story) or scholarly (e.g., essay on history of nursery rhymes) project.

**LIL 250 (Directed Study) Shakespeare**

For students unable to enroll in LIL 235 Introduction to Shakespeare, or those wishing to pursue further work on Shakespeare independently.

**LIA 267S Literature of Healing and Dying**

The relationship between the sick person and the caregiver, and the relationship between the reader and the writer who describes, and sometimes criticizes, the first relationship, to deepen understanding of health care issues.

**LIL 271 Drama as Genre**

Tragedy, comedy, and tragicomedy: the importance of language, from poetry to slang. Writings of important critics through the ages. Theatre productions, televised plays.

**LIA 281A The Rise of the Novel: Western Narrative I**

Some of the great works of the Western tradition, the fantastic and the realistic, following the guided dreams of narrative and its exploration of our imaginations and our worlds.

**LIA 282A The Modern Novel: Western Narrative II**

Modern writers and some of the questions of modern times: alienation, depth psychology in fiction, assessments of technology and urban life, sources of hope in humanism and literary art.

**LII 300 (Directed Study) Florentine Literature**

See [International Education, Italy Offerings](#).

**LIA 301 Southern Literature**

Southern novels, short stories and plays, identifying what is "Southern" about them. Works by McCullers, Warren, Faulkner, O'Connor, Percy, Price, Porter, Ganes. Attendance required.

**LIA 302 Studies in Fiction**

Topics vary according to student and faculty interest. Close reading of texts, study of criticism and applicable literary theory, library research techniques, writing critical prose on the topic.

**LIL 303 18th Century British Literature**

British literature from the death of Dryden to the beginning of the Romantic Age. Major writers including Locke, Swift, Pope, Addison, Jonson, Fielding, Sterne. Major Enlightenment themes and genres.

## **Literature**

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### **LIC/GRC 304 The Novels of Hermann Hesse**

For description see **Modern Languages, German.**

### **LIL 305A Women as Metaphor**

Investigating European, Canadian and American literature with emphasis on metaphors for women, what it is to be human, and values choices. Conceptions of women through the ages as presented in literature.

### **LIL 308 The Poetry of Donne and Jonson**

The poetry of Donne and Jonson, comparing their ideas and techniques, their relationships to themselves, their beloved and the world, and examining perplexities held in common across the centuries.

### **LIL 309 Religion in Literature**

Poems, stories, novels and plays which deal with religious experience. Selections from Old Testament, Dante, Herbert, Milton, Dickinson, Dostoevsky, Tolstoy, Eliot, Auden and O'Conner.

### **LIL 311 Literature and Myth**

Stories, poems, plays, film which take their major themes and patterns from myth, or which attempt to forge alternate myths. Greek to modern writers. Readings from anthropologists, other social scientists, and myth criticisms.

### **LIL 312 Literature by Women**

Poems, plays, stories, essays, journals, and other genres of literature by women of various cultures and languages, primarily over the past century. Major social, political and historical movements shaping the writer and her world.

### **LIL 320 British Literature: Modern Poetry**

Survey of British literature from the 1880s to World War II, and an attempt to define "modernism" in poetry. Poets include Hopkins, Hardy, Yeats, Housman, Eliot, Auden and Thomas.

### **LIL 322 Modern British Literature**

Readings of period documents in history and social sciences; major writers, including Conrad, Joyce, Eliot, Woolf and Auden. Does not include drama.

### **LIL 323 The Victorian Age in British Literature**

British poetry and prose during the reign of Victoria (1837-1901). Major writers including Tennyson, Browning, Arnold, Hopkins, Dickens, Ruskin, Hardy. Victorian themes and intellectual preoccupations.

### **LIL 324 The Romantic Age in British Literature**

Pre-Romantics of late 18th century through major artists of the next two generations. Burns, Blake, Wordsworth, Coleridge, Scott, Shelley, Keats, Byron. Major Romantic themes and genres.

### **LIL 325A Men and Women in Literature**

Understanding the roles (or "metaphors") for men and women involved in societal or individual choices, through the study of great works of Western literature.

### **LIL 327 Chaucer to Shakespeare**

Survey of major authors and forms of early English non-dramatic poetry, with emphasis on Chaucer, Spenser and Shakespeare.

### **LIA 328E Literature and Ecology: Writings About the Earth Household**

Exploring through literature the myths, ideas and attitudes which shape ecological practice. Understanding our heritage and using that knowledge to keep the earth household alive and healthy.

### **LIA 334 20th Century European Fiction**

Novels representing various countries, dominant literary movements and most influential authors. One or more novels may be read in the original language. Prerequisite: one college level literature course.

### **LIL 338 20th Century Drama: British/ U.S.**

Representative dramatic forms through works by O'Neill, Williams, Miller, Eliot, Osborne, Pinter, Beckett, Arden, Stoppard, and the influences which helped shape modern drama. Prerequisite: any course in drama.

### **LIL/REL 342A The Art of Biblical Literature**

For description see **Religious Studies**.

**LIA 347 Great Prose**

Non-fiction prose, largely from the Western tradition, asking how authors use language to enquire into various topics and to lead the mind and imagination of the reader.

**LIA 349A Fiction from Around the World**

Modern fiction from various parts of the globe. Artistic responses to social problems. Fiction as a means of representing human experience, both in values questions and literary elements (plot, character, image, etc.).

**LIA 350 (Directed Study) Modern American Novel**

Ten or twelve major American novelists of the first half of the 20th century from Dreiser through Richard Wright. Ideas, themes and analysis of writing style.

**LIA 351 (Directed Study) 20th Century American Women Artists and Writers (c. 1900-1935)**

Women artists and writers in the social and cultural context of their times. Students choose from among photography, dance, poetry, prose. Prerequisite: Sophomore or higher.

**LIC/GRC 351 (Directed Study) Life and Works of Franz Kafka**

For description see **Modern Languages, German.**

**LIA 352 (Directed Study) American Fiction: 1950 to Present II**

For description see LIA 252.

**LIL 352A African-American Literary Survey**

A chronology of African-American history, tracing the evolution of literary tradition from folk cultures, literary and intellectual traditions, to current themes.

**LIA 361 Literary Criticism**

A study of literary theory and criticism using the most important figures in the West from Plato to the present. Prerequisite: one college literature course.

**LIA/THA 362A Film and Literature**

Elements of film production, major film genres, literary sources and analogues, and some of the critical approaches of film study.

**LIA 368 Literature of Fact**

Literary elements applied to describing reality accurately. Interpretation, point of view, style, personal involvement, ethical responsibilities studied through non-fiction writers.

**LIL 372 Tragedy and Comedy**

Range of periods and genres: drama, film, television. Critical opinions on what distinguishes the tragic and the comic.

**LIA 380A Images of the Goddess**

Myths, archetypes and symbols surrounding the Goddess, "god-talk," and "godthinking" through the study of Christian mystics, Jungian psychologists, contemporary poets, novelists and theologians.

**LIA 381A Contemporary American Fiction**

Fiction that breaks new ground and how it evolves. Selections from several strands of current writing in America, traditional and experimental, male and female, urban and rural, white and black.

**LIA 382A Contemporary American Poetry**

Poems of post-1950 American poets, various movements that developed and the values they represent, and the difficult relations between the poet and society.

**CRA 384A 20th Century American Women in the Arts**

For description see **Aesthetic Perspective Courses.**

**LIA 403 American Fiction Since 1950**

Best of American fiction since 1950, selecting from such authors as Didion, Ellison, Malamud, Mailer, O'Connor, Kesey, Yates, Morris, Bellow. Attendance is required.

**LIL 425 Seminar on Shakespeare**

Plays and poems, language, structure, setting, characterization, themes, traditions. Limited to Senior literature majors, with others by Permission of instructor.

# Management

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## **LIL 430 John Milton Seminar**

Milton's sonnets, epics, drama and prose, in the context of his life and times.

## **LIL 435 Poetry of Eliot and Yeats**

Transformation of Romanticism through the works of two of the greatest poets of the past hundred years.

## **LIL 440 The Mythical Method: Yeats, Eliot and Joyce**

The narrative method of telling a story with beginning, middle and end, compared with experiments of three modern masters with an alternative method, fragments unified by reference to myth.

## **LIL 441 Twentieth Century Literary Theory**

Important approaches to literature and language in the 20th century, including New Critical, Marxist, Psychoanalytic, Structuralist, Phenomenologist, Mythic, Feminist, New Historical, Deconstructionist. Prerequisite: two college level literature courses.

## **LONDON OFFERINGS**

See International Education.

## **MANAGEMENT**

The management program rests on two principal foundations: teaching management in a liberal arts environment and teaching the general management core requirements that comprise the accepted body of knowledge in the discipline. The management program is designed to prepare the student for an entry level managerial position in an organization or for graduate school. The ultimate goal of the program is to prepare students for responsible management and leadership positions in business and society, both domestic and international.

The management program is designed to meet the needs of three categories of students: undergraduate majors in management, minors in management, and dual majors; and to integrate the general education and liberal arts emphasis throughout the four-year program of instruction. The course sequence for a major in management is as follows:

## **Freshmen**

CSN 143M Introduction to Computer Science or  
MNB 210 Computer Applications  
BEB 160M Statistics  
or

MNB/MAN 120 Quantitative Methods  
(prerequisite: two years of high school algebra with no less than a B grade for both years, or college algebra with no less than a C grade)

## **Freshmen or Sophomores**

MNB 272 Management Information Systems  
(prerequisites: CSN 143M preferred, or MNB 210)

## **Sophomores**

MNB 271 Principles of Accounting I  
ECB 281S Microeconomics  
ECB 282S Macroeconomics  
(Micro and Macro may be taken in any sequence)

## **Juniors**

MNB 278 Business Law  
MNB 368 Managerial Enterprise  
(prerequisite: MNB 278 and Junior or Senior)

MNB 369 Principles of Marketing  
(Junior or Senior)

MNB 371 Organizational Behavior and Leadership

(prerequisites: BEB 160M and SLB 101S or PSB 101S)

MNB 376 Personnel Management  
(Junior or Senior)

MNB 377 Introduction to Business Finance  
or

MNB 378 Investment Finance  
(prerequisites: MNB 271 and two of ECB 281S, ECB 282S, MNB 368)

## **Juniors or Seniors**

MNB 310 Operations Management  
(prerequisites: MNB/MAN 120 and Junior, or instructor's permission)

## **Seniors**

MNB 498 Business Policy and Strategic Management  
(comprehensive in management, final semester of Senior year)

(Students may petition for enrollment if enrolled in no more than two 300-level courses)

MNB 410 Senior Seminar: Issues in Management

Management majors are required to complete each course with a grade of C or better. To progress in sequence, and to receive credit for core courses in which the student has received a D grade, a petition must be submitted and approved by the discipline coordinator.

Students must also meet all general education requirements to graduate.

At Eckerd College, the practice of management is viewed as a liberal art. The management program stresses developing ideas, problem solving, and communicating solutions rather than the routine and mechanical application of knowledge and skills. The management program emphasizes critical thinking, effective writing, asking probing questions, formulating solutions to complex problems, and assessing ethical implications of decisions.

The management faculty has identified a set of interdisciplinary management skills or competencies that students need to acquire but which do not fit neatly into the boundaries of the core management requirements described above. These skills build upon related competencies which students acquire in the general education program. These are: critical thinking, decision making and problem solving, negotiating and resolving conflicts, systemic thinking, information processing, entrepreneurship, introspection, cross-cultural skills and international perspectives, communication, and computer skills. As part of the liberal arts emphasis, the management discipline addresses individual and societal values as a component of each course in the program.

In addition to these liberal arts-related competencies, students in the management program also develop the following management competencies which build upon the general education program:

- management under uncertain conditions including policy determination at the senior management level.
- production and marketing of goods and services and financing the organization.
- knowledge of the economics of the organization and of the larger environment within which the organization operates.
- knowledge of the legal environment of organizations along with the ethical issues and social and political influences on organizations.
- concepts of accounting, quantitative methods, and management information systems

including computer applications.

— organizational behavior, interpersonal communications, and personnel/human resource management theory and practice.

A minor in management consists of the following five courses: either Computers and MIS or Introduction to Computer Science, Managerial Enterprise, Principles of Marketing, Organizational Behavior, and either Principles of Accounting or Finance. Effective for all students entering Eckerd College during or after fall semester 1992, all management minors are required to complete each course with a grade of C or better. To progress in sequence, and to receive credit for core courses in which the student has received a D grade, a petition must be submitted and approved by the discipline coordinator.

#### **MNB/MAN 120 Quantitative Methods**

For description see **Mathematics**.

#### **MNB/CSN 202 Cobol Programming**

For description see **Computer Science**.

#### **MNB 210 Computer Applications**

For students with minimal experience with computers **not** planning a computer science major or information systems concentration. Major concepts, word processing, spreadsheet, data base, networking software, BASIC programming, consideration of ethical issues.

#### **MNB/PLL 242S Ethics in Management: Theory and Practice**

Ethical theories as they relate to personal and organizational decisions, policies and actions. Analyzing situations which require moral decisions in the organizational context. Sophomore or higher standing.

#### **MNB/SLB 251 Work and Occupations**

Theories and research explaining occupational choice and socialization, labor market segments, inter and intragenerational career mobility, professionalization, deprofessionalization, future trends in occupation.

## **Management**

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### **MNB/SLB 252 Evaluation Research**

Develop and implement research designs to assess goal achievement, effectiveness and efficiency of programmatic innovations. The organizational context in which evaluation occurs. Prerequisites: SLB 101S or PSB 101S and BEB 160M or MNB 371, or permission of instructor.

### **MNB/ANC/IBC 260 The Cultural Environment of International Business**

### **MNB/ANC/IBC 261 International Management**

For descriptions see **Anthropology**.

### **MNB 271 Principles of Accounting I**

Accounting principles used in the preparation and analysis of financial statements, accumulation of business operating data and its classification for financial reporting. Balance sheets and income statements.

### **MNB 272 Management Information Systems**

Decisions that must be made by managers pertaining to computers and information systems. Computer terminology, hardware and programming, selecting computer and data base systems, etc. Prerequisite: CSN 143M (preferred) or MNB 210.

### **MNB 273 Life Career and Personal Financial Planning**

Integration of life's values and goals into career objectives in order to develop a personal financial plan to increase one's quality of life. Of special interest to non-management majors.

### **MNB 275S The Sex-Role Revolution in Management**

Issues related to the history, problems and prospects of women in management. The impact of the sex-role revolution on women and men in corporations (the course is **not** for women only).

### **MNB 278 Business Law**

Principles, rationale and application of business law and regulations. Contracts, Uniform Commercial Code, creditors' rights, labor, torts and property, judicial and administrative processes.

### **MNB 310 Operations Management**

Concepts and applications in service and manufacturing sectors of global economy. Forecasting, product and process decisions, capacity planning, facility location and layout, project management and operations scheduling, inventory planning and control, quality control. Prerequisite: MNB/MAN 120 and Junior standing, or instructor's permission.

### **MNB 321S Consumer Behavior and Consumerism**

Contributions of the behavioral disciplines (psychology, sociology, anthropology) to understanding the consumer decision-making process. The impact and value issues of the consumer movement.

### **MNB/SLB 345 Complex Organizations**

Sources, degrees and consequences of bureaucratization in a wide range of social organizations such as work, church, military, schools, hospitals. Prerequisites: SLB 101S or PBS 101S and BEB 160M or MNB 371, or permission of instructor.

### **MNB/CSN 360 Database System**

For description see **Computer Science**.

### **MNB 361 Business History**

The growth of managerial enterprise from Colonial to modern times, its origins and development and the individuals important in its evolution. Prerequisites: MNB 368 and one course in American history. For Juniors and Seniors only.

### **MNB 368 The Managerial Enterprise**

Concepts, theories and management styles of contemporary managers. Communication, motivation, planning, directing, controlling, organizing. Prerequisite: MNB 278 and Junior or Senior standing.

### **MNB 369 Principles of Marketing**

Principles, problems and methods in distributing and marketing goods and services. Prerequisite: Junior or Senior standing.

### **MNB/ECB 370 Industry, Labor and Government**

For description see **Economics**.

**MNB/SLB 371 Organizational Behavior and Leadership**

Major factors affecting behavior in organizations. Motivation, group and team dynamics, macroorganizational factors, leadership. Prerequisite: BEB 160M and SLB 101S or PSB 101S.

**MNB 372 Principles of Accounting II**

The information utilized by operating management in decision making: determination of product cost and profitability, budgeting, profit planning, utilization of standard cost and financial statement analysis. Prerequisite: MNB 271.

**MNB 373 Marketing Communications**

Processes and functions of promotion, strategies incorporating creative use of advertising, publicity, merchandising, direct selling, and sales promotion. Prerequisite: MNB 369.

**MNB 374 Market Intelligence**

Collection and measurement of data on market identification, sales forecasting and marketing strategy development. Market research, cost/revenue breakdowns, competitive analysis, others. Prerequisite: MNB 369, BEB 160M.

**MNB 375 Marketing Channels and Logistics**

Comparative marketing methods. Distributing products to consumers with optimal efficiency and economy. Prerequisite: MNB 369.

**MNB 376 Personnel Management**

Theory and practices of personnel and human resources management in organizations, including job definition, staffing, training and development, compensation and benefits, labor relations, environmental analysis and human resource planning and controlling. Prerequisite: Junior or Senior standing.

**MNB 377 Introduction to Business Finance**

A survey of financial markets and institutions in both the public and private sectors and their impact on society. Prerequisites: MNB 271 and two of MNB 368, ECB 281S, ECB 282S.

**MNB 378 Investment Finance**

Exploration of financial operations in the investment world with emphasis on the private sector. Prerequisites: MNB 271 and two of MNB 368, ECB 281S, ECB 282S.

**MNB 379 Retail Organization and Management**

Retail merchandising, promotions, physical facilities, personnel, planning, pricing, legalities, research techniques, store images, market targets. Prerequisite: MNB 369.

**MNB 380 Professional Salesmanship**

Communication skills, buyer's motivations, individual demonstrations of the basic steps to selling, illustrating how selling is a catalyst for the entire economy and for society in general. Prerequisite: MNB 369.

**MNB/ECB 383 Marine Resource Policy****MNB/ECB 384 Managerial Economics****MNB/ECB 386 Money, Banking and Financial Institutions**

For descriptions see **Economics**.

**MNB 396/496 Personnel Planning and Industry Research I, II**

Theory and practice of personnel and human resources management (PHRM) planning and applied research in organizations. Students participate in ongoing industry research projects of the Human Resource Institute (e.g., personnel strategic planning, environmental scanning for personnel functions such as recruitment and training). Prerequisite: MNB 376 and permission of instructor.

**MNB/SLB 405 Human Ecology**

Interaction of human communities such as organizations, cities, neighborhoods and industries with their social and physical environment. Prerequisites: SLB 101S or PSB 101S, MNB 371 and BEB 160M or permission of instructor.

**MNB 410 Issues in Management**

Senior seminar for management majors. Weekly sessions with practicing executives on general management topics. Outside research.

## Marine Science

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### **MNB/SLB 451 Technology and Society**

Interdependent relationship of technological innovation, adoption, adaptation and diffusion to social change. Evolution of modes of production and service delivery, organizational structure and functioning. Prerequisites: BEB 160M and SLB 101S or PSB 101S, or permission of instructor.

### **MNB/SLB 472 Organizational Dynamics**

The management of organizational change through the use of social science knowledge. For management, sociology and psychology majors interested in organizational or applied sociology, industrial psychology or management consulting. Prerequisite: BEB 160M and SLB 101S or PSB 101S.

### **MNB 475 Investment Analysis**

Advanced investment course focusing on in-depth analysis of specific investment alternatives using the computer and other sophisticated techniques. Prerequisites: MNB 377 or 378.

### **MNB 477 Entrepreneurship**

Study of talents, qualities, values and expertise necessary to conduct profit and non-profit ventures contributing to society. Entrepreneurial project. Prerequisites: MNB 278, 368, 369 and 377 or 378. MNB 498 may be taken concurrently.

### **MNB 479 Corporate Finance**

An advanced finance course dealing with foundations of financial management used in organization decision making. Prerequisites: MNB 272, 377 or 378.

### **MNB 480 Proctoring in Management**

For Senior management majors, leadership experience as group trainers using study groups from the Managerial Enterprise course. Permission of instructor required.

### **MNB/SLB 482 Proctoring in Organization Behavior**

Practical leadership, group consultation and facilitation experience using groups from the Organizational Behavior and Leadership course. For management, human development, personnel and human resource management, applied psychology and sociology majors. Prerequisites: MNB 371 with a B or better, and permission of instructor.

### **MNB/IBC 485 International Marketing**

### **MNB/IBC 486 International Finance and Banking**

For description see **International Business**.

### **MNB 496 Personnel Planning and Industry Research II**

For description see MNB 396.

### **MNB 498 Business Policy and Strategic Management**

Comprehensive examination requirement for management majors. Practicum in general management. Prerequisite: final semester of Senior year. Students may petition for enrollment if they are enrolled in no more than two 300-level courses.

## **MARINE SCIENCE**

The marine science major provides both an integrative science background and specialized foundation work especially suitable for students planning professional careers in marine fields.

**Required for a B.S. are:** Marine Geology, Chemistry I and II, Calculus I, Fundamental Physics I and II, Descriptive Physical Oceanography, and Chemical Oceanography. In addition, the specified courses in one of the following tracks must be included: **Marine Biology**—Marine and Freshwater Botany, Marine Invertebrate Biology, Cell Biology, Principles of Ecology, Genetics, Physiology, Statistics and an approved mathematics course. **Marine Chemistry**—Organic Chemistry I and II, Analytical Chemistry, Introduction to Marine Biology or Marine Invertebrate Biology, Physical Chemistry I, Experimental Chemistry I, Calculus II and Marine Geochemistry. **Marine**

**Geophysics**—Introduction to Marine Biology of Marine Invertebrate Biology, Introduction to Geology, Calculus II and III, Differential Equations, Classical Mechanics, Exploration Geophysics, and Solid Earth Geophysics.

Marine science majors are urged to incorporate Sea Semester into their Junior or Senior year, or participate in an alternative field experience, possibly during winter term.

Students who major in the marine science biology track may not also major in biology.

Students who complete any track of the marine science major demonstrate the following competencies:

- fundamental concepts of biology, chemistry, and physical oceanography and marine geology.
- research methods employed by oceanographers, and history of oceanographic exploration and research.
- ability to synthesize information from the various marine science disciplines.
- ability to write and speak well, and discuss creative approaches to research questions.
- ability to understand the nature of values-oriented questions associated with either human use of marine resources or human activities in general.
- ability to utilize library resources effectively.

A minor in marine science consists of five courses approved for marine science, including at least one from each defined track. These must not duplicate those used by students to satisfy major requirements.

### **MSN 119E Introduction to Oceanography**

For both science and non-science students. Biological interactions in oceans and how they are affected by physical, chemical and geological forces. Laboratory and field exercises.

### **MSN 185 Introduction to Marine Biology**

Physiological and ecological processes necessary for life in a marine habitat. Introduction to cellular, organismal and community levels biological organization and diversity.

### **MSN/BIN 188 Marine and Freshwater Botany**

### **MSN/BIN 189 Marine Invertebrate Biology**

For descriptions see **Biology**.

### **MSN 207E Introduction to Geology**

Mineralogy, crustal movements, volcanism, ground and surface water, glaciation; history of the earth, its inhabitants and surface features.

### **MSN 208E Environmental Geology**

Geological hazards and our use and abuse of the earth. Methods of preservation, conservation and sustained yield.

### **MSN 242 Marine Geology**

Geological history of the oceanic environment. Marine geological and geophysical exploration techniques. Provides complete introduction to geological oceanography.

### **MSN 301 Chemical Oceanography**

Major, minor and micronutrient elements and dissolved gasses, dissolved and particulate organic compounds in seawater; formation of deep-sea sediments and the geochemistry of sediments. The ocean as a chemically unified system embracing the hydrosphere, biosphere and geosphere. Prerequisites: CHN 121 and 122.

### **MSN/BIN 302 The Biology of Fishes**

For description see **Biology**.

### **MSN 303 Exploration Geophysics**

A laboratory course in theory, methods and applications; computer methods and geological applications emphasized. Prerequisites: MAN 132 and MSN 207E or 242.

### **MSN 305 Marine Stratigraphy and Sedimentation**

Facies and basin analysis, sedimentary tectonics. Interpretation of clastic and chemical sedimentary rocks to infer processes, environments, and tectonic settings in the marine environment. Prerequisite: MSN 207E or 242.

### **MSN 307 Marine Geochemistry**

Sources of pollutants and products of erosion in the sea, processes of removal, radiometric dating of sediments, porewater chemistry and sediment diagnosis. Practical field and lab techniques. Prerequisites: CHN 121 and 122.

## **Mathematics**

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### **MSN 308E Introductory Meteorology**

The origin of the atmosphere, the scientific principles underlying weather patterns, and everyday phenomena such as cloud formations, rainbows, mirages and halos. Weather folklore and allusions in literature, and the effect of weather on history.

### **MSN 309 Principles of Hydrology**

The study of water: how rivers function, how water moves through the ground, pollution of water and other problems. Laboratory involving data collection, interpretation, computer work, field trips. Prerequisite: PHN 241 or permission of instructor.

### **MSN/BIN 311 Marine Mammalogy**

For description see **Biology**.

### **MSN 342 Descriptive Physical Oceanography**

Physical properties of seawater, distributions of water characteristics in the oceans, water, salt and heat budgets, circulation and water masses, waves and tides, coastal oceanography. Prerequisite: PHN 241 or permission of instructor.

### **MSN/BIN 402 Marine Ecology**

For description see **Biology**.

### **MSN 404 Structural Geology**

Folding and faulting, stress and strain, elasticity, flexure, heat transfer, and rheology of rocks. Prerequisites: MAN 132 and MSN 207E or 242.

### **MSN 408/NAN 410 Marine Science Seminar**

Topical problems in all disciplines of marine science. Junior and Senior marine science majors participate for one course credit. Sophomores are invited to attend.

### **NAN 410 Senior Seminar in the Natural Sciences**

For description see **Senior Seminars**.

For other courses meeting marine science requirements, see **Biology, Chemistry, Mathematics, Physics, Statistics, and Sea Semester**.

## **MATHEMATICS**

The basic requirement for either the B.A. or B.S. degree is the completion of eight mathematics courses numbered above MAN 233 with a grade of at least C. Independent study courses in special topics in mathematics also may be used in satisfying this requirement. This wide flexibility permits a program of study to be tailored to the individual student's interests. The Mathematical Sciences Seminar is required in the Junior and Senior years. All mathematics courses taken are applicable to the collegial requirement of 12 natural science courses for the B.A. degree, and 16 natural science courses for the B.S. degree.

Placement level in mathematics is determined by evaluation of a student's high school mathematics courses.

The course requirements for the mathematics major (B.A. or B.S.) form a sequence consisting of Calculus I, Calculus II, and eight mathematics courses numbered above MAN 233.

Students majoring in mathematics acquire knowledge of the basic definitions, axioms and theorems of mathematical systems. They are expected to apply mathematical reasoning to solve problems and to develop proficiency in computation. Achievement of the required competencies are demonstrated by successful completion of a Senior comprehensive examination or Senior thesis and by successful completion of eight mathematics courses numbered above MAN 233.

A minor in mathematics requires completion of five mathematics courses with a grade of at least C of which at least three are numbered above MAN 233.

### **MAN 101M College Algebra**

Polynomial algebraic and rational functions and their properties. Analytical geometry/sketching graphs, zeros of functions, mathematical induction, equations and inequalities.

### **MAN 102M Philosophy of Mathematics**

The intellectual development of mathematical thought. Plato, Aristotle, Ptolemy, Newton, Einstein and others studied in a historical and philosophical context. Some computing required but skill or knowledge in a programming language not needed.

**MAN 103M Trigonometry**

Functions and their graphs: inverses, exponential and logarithmic functions, proving identities, solving equations and developing complex numbers. Prerequisite: MAN 101M or two years of high school algebra.

**MAN 104M Survey of Mathematics**

Applications of mathematics to real problems: graphing, equations and inequalities, probability, statistics, consumer mathematics, use of computer. Students use calculators.

**MAN 105M Precalculus Mathematics**

A combination of college algebra and trigonometry to the depth necessary for the study of calculus. Use of calculators is expected.

**MAN/MNB 120 Quantitative Methods**

A variety of mathematical tools are studied which are useful in helping managers and economists make decisions. Prerequisite: MAN 105M or placement at the H level and MAN 133 or BES 160M.

**MAN 131M Calculus I**

First in two course sequence. Applications to physical sciences and economics. Prerequisite: placement at the H level.

**MAN 132 Calculus II**

Continuation of Calculus I. Exponential, logarithmic and trigonometric functions, formal integration techniques and applications. Taylor polynomials and infinite series. Prerequisite: MAN 121M or MAN 131M.

**MAN 133 Statistics, an Introduction**

Probability and statistics, and their uses in the natural sciences. Prerequisite: MAN 121M or MAN 131M. Credit will be given for only one of MAN 133 or BEB 160M, but not both.

**MAN 143 Discrete Mathematics**

Algorithms, induction, graphs, digraphs, permutations, combinations; introduction to probability, logic, Boolean algebra, differential equations. Emphasis on discrete rather than continuous aspects. Prerequisite: MAN 121M or MAN 131M.

**MAN 233 Calculus III**

Three-dimensional analytic geometry, partial and directional derivatives, extrema of functions of several variables, multiple integrals. Prerequisite: MAN 132.

**MAN 234 Differential Equations**

Existence and uniqueness theorem, linear differential equations of second or higher orders, Frobenius and Laplace methods, numerical methods for solving differential equations. Prerequisite: MAN 132.

**MAN 236 Linear Algebra**

Vector spaces, linear transformations, matrices, eigenvalues, eigenvectors, and system of linear equations. Prerequisites: MAN 131M and permission of instructor, or MAN 132.

**MAN 237 Introduction to Mathematical Thinking**

For students from any field that requires abstract mathematical content. Reasoning, exposition, writing and understanding mathematical proof, propositional and predicate calculus, relations, functions, construction and properties of number systems. Prerequisite: MAN 132 or 143.

**MAN 238 Optimization Techniques**

Maximization and minimization with and without constraints; introduction to linear and non-linear programming. Prerequisite: MAN 233 or 236 and permission of instructor.

**MAN 333 Probability and Statistics I**

Probability theory, random variables and sampling, distribution functions, point and interval estimation, regression theory, non-parametric tests and mathematical development of topics. Prerequisite: MAN 233 or permission of instructor. Offered alternate years.

**MAN 334 Probability and Statistics II**

Continuation of MAN 333, which is prerequisite. Offered alternate years.

**MAN 335 Abstract Algebra I**

Two-course sequence. Integers, groups, rings, integral domains, vector spaces, development of fields. Prerequisite: MAN 132 or 236. Offered alternate years.

## Medical Technology

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### **MAN 336 Abstract Algebra II**

Continuation of MAN 335, which is prerequisite. Offered alternate years.

### **MAN 337 Foundations of Geometry**

Euclidian and non-Euclidian geometry with axiomatic approach. Appropriate for prospective teachers. Prerequisite: MAN 132 or permission of instructor.

### **MAN 338 Graph Theory**

Gives students a better ability for proving theorems, solving problems using graphs, and a foundation for those wanting to continue in graduate work in computer science or applied mathematics. Prerequisite: MAN 236.

### **MAN 339 Combinatorial Mathematics**

Topics fundamental to applied mathematics that deal with finite or discrete sets. Prerequisite: MAN 132.

### **MAN 340 Dynamical Systems**

An introduction to dynamical systems, chaos and fractals. Dynamic modelling, stability analysis, bifurcation theory, strange attractors, self-similarity, integrated function systems. Prerequisite: MAN 234 or permission of instructor.

### **MAN/CSN 341 Numerical Analysis**

Students are assumed to know a high-level programming language. Methods for solving equations, linear difference equations, the use of interpolating polynomials, numerical integration and differentiation, and numerical solutions of differential equations. Prerequisite: MAN 233 or permission of instructor.

### **MAN 351 Fourier Analysis**

For students in the mathematical and physical sciences. Hands-on simulation and analysis of a variety of physical phenomena, using the Fourier software package. Prerequisite: MAN 234.

### **NAN 410 Senior Seminar in the Natural Sciences**

For description see **Senior Seminars** and NAN 438.

### **MAN 411 Introduction to Topology**

Introduction to point-set topology emphasizing connectedness, compactness, separation properties, continuity, homeomorphisms and metric and Euclidean spaces. Prerequisite: MAN 233 or consent of instructor.

### **MAN 421 Partial Differential Equations**

Selected topics in boundary value problems and partial differential equations. Prerequisite: MAN 234.

### **MAN 433 Real Analysis I**

First in two-course sequence. The real numbers as a complete ordered field, derivatives, Riemann integrals, Euclidean n-space, partial derivatives, vector-valued functions of vector variables, multiple, infinite, line and surface integrals, infinite series, Green's and Stoke's theorems. Prerequisite: MAN 233. Offered in alternate years.

### **MAN 434 Real Analysis II**

Continuation of MAN 433, which is prerequisite. Offered alternate years.

### **NAN 438/410 Mathematical Sciences Seminar (2-year sequence)**

Required of all Juniors and Seniors majoring in physics and mathematics. Application of the mathematical sciences with historical and cultural questions included.

### **MAN 499 Independent Research — Thesis**

Senior mathematics majors may, upon invitation of the mathematics faculty, do research and write a thesis under the direction of a member of that faculty.

See also **Computer Science**.

## **MEDICAL TECHNOLOGY**

The Medical Technology program offers students a B.S. or B.A. degree by completing three years of general studies here and a fourth year of professional coursework at a hospital which has been approved by the Council on Medical Education of The American Medical Association.

The general studies program at Eckerd College must include a minimum of eleven courses in the Natural Sciences which are required for cer-

tification: four courses in biology (including microbiology and immunology); four courses in chemistry (including organic), one course in mathematics (normally calculus), and two courses in physics. Completion of the all-college general education requirements is expected of all graduates. Senior general education courses should be taken in advance.

The professional coursework taken during the Senior year requires that the student spend 12 months in training at a certified hospital to which he/she has gained admission. For most Eckerd students, this is Bayfront Medical Center. The student receives college credit for the laboratory courses taken in that clinical setting. The baccalaureate is awarded on successful completion of this coursework with a major in interdisciplinary science.

In addition, the student receives certification by the American Society of Clinical Pathologists (ASCP) after passing an official examination. Supervision of clinical coursework during the Senior year is carried out by a Program Director (an M.D. certified in clinical pathology by the American Board of Pathology) and an Educational Coordinator (a medical technologist certified by the Registry of Medical Technologists).

## **METEOROLOGY**

For description see **Marine Science**.

## **MODERN LANGUAGES**

Students may pursue a language major in French, German or Spanish, a major in Russian Studies, or a major in Modern Language. Course work is also available in Italian and Japanese.

Language majors must take at least eight courses beyond the elementary level. A language major is required to speak the language well enough to be rated at an Intermediate-High level of proficiency as defined by the American Council of the Teaching of Foreign Languages. Because of the proficiency expectation, language majors are urged to spend no less than a term studying abroad, usually during the Junior year unless, prior equivalency is verified. The College maintains a variety of programs to help meet this requirement. In addition, all majors in this field of study are expected to have tested knowledge in cultural, historical and literary understanding. All stu-

dents must successfully pass either a comprehensive examination or write a Senior thesis, the latter by invitation of the language faculty. Students are advised to take various other courses in accordance with their interests and career goals. Four courses beyond the third year level must pertain directly to the language, literature and culture.

Majors in modern languages often go on to careers in education, government, journalism, business, or to graduate school.

Minors are available in French, German, Spanish or Russian Studies. A minor consists of five courses above the elementary level.

Advanced elementary language courses are numbered 111 in the schedule of courses.

## **FRENCH**

### **FRC 101/2 Elementary French I, II**

Introduction to French for students with little or no training in the language. Three classes and two laboratory sessions per week.

### **FRC 201 Intermediate French I**

Developing oral and written control of French. Grammar, conversations and readings in French. Prerequisite: FRC 102 or three years of high school French.

### **FRC 202C Intermediate French II**

Integrated approach to French language, culture and literature. Oral presentations, discussion of contemporary French issues, weekly written reports and compositions. Grammar review, aural comprehension exercises weekly. Prerequisite: FRC 201 or equivalent.

### **FRC 301A Introduction to Literary Analysis**

Reading and discussing modern French writers, including drama, fiction and poetry. Grammar review, vocabulary development. Classes in French, essay exams in English, laboratory work. Prerequisite: FRC 202 or equivalent.

### **FRC 302 Advanced Composition and Conversation**

A refinement of student mastery of structure and vocabulary, with emphasis on the ability to communicate both orally and in writing. Laboratory work as needed. Prerequisite: FRC 202 or equivalent.

### **FRC 303 History of French Civilization**

Readings, lectures and discussions in French from the Gallic nation and its conquest by Rome to the defeats and victories of French culture during our century. Prerequisite: FRC 202 or equivalent.

### **FRC 304 French Theatre on Stage**

Practice understanding, learning and reciting passages in plays from 17th century to modern works, to improve oral communication skills in French. Prerequisite: FRC 202 or equivalent.

### **FRC 401 French Literature in Formation**

From the emergence of the French language in the middle ages to the splendid epoch of French Classicism, exploring how a theme, topic or genre emerged as a powerful influence in France's later literary tradition. Prerequisite: two 300 level courses.

### **FRC 402 Enlightenment and Revolution**

Authors who formed attitudes about the rightful place of "man" in the world, decried superstition and violence, or undermined authority throughout the 18th century and beyond the Revolution into the 19th. Prerequisite: two 300 level courses.

### **FRC 403 Topics in Modern French Literature**

One or possibly two limited topics in this broad area each semester. Prerequisite: FRC 301 or 303 or equivalent.

### **FRC 404 Themes in French Literature**

Discover, analyze and discuss various aspects of French literature, with unifying motifs. Prerequisite: two 300 level courses.

### **FRC 405 Commercial French**

Learn the style and vocabulary specific to French business. Basic workings of the French economy, and business terms. Prerequisite: two 300 level courses.

### **Semester Abroad in France**

See International Education.

## **GERMAN**

### **GRC 101/2 Elementary German I, II**

Language through videos and supplemental reading. Method appropriate to need, patterning and grammatical analysis. Will enable students to function in German-speaking country. Prerequisite: GRC 102 or equivalent for 101.

### **GRC 201/2 Intermediate German I, II**

Review of grammar; short stories and cultural films. Introduction to German culture and native language models. Class discussions in German. Prerequisites: GRC 102 for 201; 201 for 202.

### **GRC 250/1 (Directed Study) Grammar Review/Intermediate German I, II**

Programmed courses allow student with language aptitude to move at own pace. Grammar, speech, texts and tapes.

### **GRC 301/2 Introduction to German Literature and Life I, II**

Contemporary German literature and life. Readings chosen according to student ability and interest. Modern fiction and magazines. Prerequisite: GRC 202 or equivalent.

### **GRC/LIC 304 Novels of Hermann Hesse (Directed Study available)**

Hesse's novels in chronological order, tracing the development of the man and his writings from poetic realism to impressionism. Offered in German and in translation. Prerequisite: none in translation; advanced standing in German.

### **GRC 311 Advanced German Composition and Conversation**

Student participation in teaching theoretical and practical aspects of grammar. Topical discussions and written assignments in the language.

### **GRC 331/332 Special Topics in German**

Projects based upon current needs and interests of students and offered at the discretion of the German faculty.

**GRC/LIC 351 Life and Works of Franz Kafka (Directed Study available)**

Major short stories, three novels, two volumes of diaries of Franz Kafka may be taken in either German or English. Prerequisite: none in English; advanced standing in German.

**GRC 401/2 The German Novel I, II**

A study of the most representative novelists from Goethe to the present. Includes Thomas Mann, Hermann Hesse, and the writers of present day Germany, Austria, and Switzerland.

**GRC 403/4 German Drama I, II**

German drama from Goethe to the present. Particular emphasis on drama of the 19th century and the present.

**GRC 441/2 Seminar in German I, II**

Included are such topics as Goethe's *Faust*, German poetry, the German novelle, history of the German language, independent readings. For Seniors.

**Semester Abroad in Germany**

See **International Education**.

**ITALIAN****ITC 101/102 Elementary Italian I, II**

Intensive practice in speaking, listening comprehension, reading, writing and grammar. Prerequisite for 102 is 101 or permission of the instructor.

**ITC 201/202 Intermediate Italian I, II**

Prerequisite: ITC 102 or equivalent.

**JAPANESE****JAC 101/102 Elementary Japanese I, II**  
(Offered in the fall only)**JAC 201/202 Intermediate Japanese I, II**  
(Offered in the spring only)

Dialogues in Japanese, Romanized Japanese, and English supplemented by grammar and usage drills. Practice in both speaking and reading. Second and third levels taught as directed studies.

**Year Abroad in Japan**

See **International Education**.

**MODERN LANGUAGE MAJOR**

See after **Spanish**.

**RUSSIAN**

See **Russian Studies**.

**SPANISH****SPC 101/2 Elementary Spanish I, II**

Intensive drill in understanding, speaking and writing Spanish. Prerequisite for SPC 102 is 101 or permission of instructor.

**SPC 201 Intermediate Spanish I**

Continuation of SPC 101/2, with all work in Spanish. Prerequisite: SPC 101/2 or the equivalent, or permission of instructor.

**SPC 202C Intermediate Spanish II**

Literature as a vehicle for cultural understanding, speaking, reading and writing Spanish. All work in Spanish. Prerequisite: SPC 201 or the equivalent.

**SPC 301A Introduction to Spanish Literature**

Representative Spanish writers from all periods and genres of literature. Prerequisite: third-year proficiency in Spanish.

**SPC 302A Survey of Spanish American Literature**

Work of Spanish American authors with emphasis on 19th and 20th centuries. Prerequisite: third-year proficiency in Spanish.

**SPC 306 Advanced Spanish Grammar and Conversation**

Intense practice in speaking through discussion and oral reporting focusing on contemporary issues. Expand and develop vocabulary. Prerequisite: SPC 202 or permission of instructor.

**SPC 307 Advanced Spanish Grammar and Composition**

For students to develop and perfect writing skills, particularly those minoring or majoring in the language who also need to fulfill an extensive language requirement, such as international business or international studies.

## Music

### **SPC 401 The Modern Spanish Novel (Directed Study available)**

Major novels of Spanish writers from Generacion del '98 to the present. Prerequisite: SPC 302 or permission of instructor.

### **SPC 402 Spanish American Novel (Directed Study available)**

Selected works by Spanish American novelists chronologically to give clear understanding of developments in the New World. Prerequisite: SPC 302 or permission of instructor.

### **SPC 403 Modern Spanish Drama**

Works of best modern playwrights from Benavente to the present. Prerequisite: SPC 302 or permission of instructor.

### **SPC 404 Spanish Golden Age Literature**

Reading and analyzing the most representative authors of the period, with all work in Spanish. Prerequisite: SPC 302 or permission of instructor.

### **SPC 405 Cervantes**

The life and works of Cervantes with critical analysis of **Don Quixote**. All work in Spanish. Prerequisite: SPC 302 or permission of instructor.

### **SPC 408 New Spanish American Narrative**

Understanding the social message and aesthetic innovations such as "realismo magico" in works of prominent contemporary Spanish American writers such as Llosa, Marquez and Fuentes. All work in Spanish. Prerequisite: SPC 302 or permission of instructor.

### **SPC 409 Spanish for Business**

Oral and written skills. Cross-cultural communication between North America and Spanish-speaking world. Forms, styles, usages, procedures in commercial communication. Prerequisite: SPC 302 or permission of instructor.

### **Semester Abroad in Spain**

See International Education.

## **MODERN LANGUAGE MAJOR**

A major in modern languages consists of a minimum of eight courses above the elementary level in a primary language, with a Senior thesis or comprehensive exam in that language, plus four courses in a secondary language above the elementary level, as determined by the individual disciplines. The overall comprehensive exam will include the secondary language. The examining committee will consist of professors of both languages, and the proficiencies examined on the courses taken will be: understanding, speaking, reading and writing. See further under **Modern Languages**. It is strongly recommended that students include elective courses that are related to the languages pursued. A minimum of one month of residence abroad in the environment of the primary foreign language is advised.

## **MUSIC**

The major in music consists of Comprehensive Musicianship courses I-A and I-B, II, III, IV, V and VI, plus two additional music courses. In addition, a student must be enrolled for one hour per week in applied music instruction and one of the discipline's ensemble programs during each term of residency. Students may waive the CM I-A requirement through testing. Students may waive CM I-B similarly but must substitute for it an additional elective in their major program.

The curriculum over four years includes private instruction on an instrument or voice, participation in choral or instrumental ensembles, at least two electives in areas of special interest, plus a sequence of comprehensive musicianship courses beginning with the principles and applications of tonal harmony and progressing to the techniques and creative problems of our own time. Because students may not necessarily take CM II-VI in sequence, assignments are individually tailored requiring over time more sophisticated analysis, more use of primary sources in music history, more application of materials from fields outside of music, and more use of computers.

Specific curricular requirements are: Comprehensive Musicianship sequence: MUA 145, MUA 146, MUA 242, MUA 341, MUA 342, MUA 443, MUA 444; Music performance sequence: MUA 442 plus either MUA 245 or MUA 246 every semester of enrollment as a declared major; electives: any two courses

offered through the music discipline; and comprehensive examination or thesis at the invitation of the faculty.

The major in music emphasizes both academic and performance aspects of music. Seniors demonstrate their abilities as music scholars in a comprehensive examination or thesis requiring score and listening analysis as well as knowledge of period intellectual history, performance practices, compositional techniques and repertoire. They demonstrate their technical and interpretive or creative skills in a Senior recital or other performance.

The minor in music consists of a minimum of 5 courses: CM I-A, CM I-B, two other CM courses and one performance course. With music faculty approval, a 300 or 400 level music elective may substitute for one of the upper level CM courses. The performance course may be either Applied Music, an Ensemble course or a combination of the two for one semester each. While continued participation is encouraged, only one performance course will be credited toward the minor in music.

#### **MUA 145 Comprehensive Musicianship I-A**

Tonal harmony, part-writing skills, primary triads and inversions, non-harmonic tones, sight singing, keyboard harmony. Four semester hours of credit.

#### **MUA 146 Comprehensive Musicianship I-B**

Secondary triads, medieval modes, harmonic sequence, elementary modulation, continued part-writing and analysis, ear training, sight singing, keyboard harmony. Prerequisite for advanced music courses. Four semester hours of credit. Prerequisite: MUA 145 or equivalent.

#### **MUA 221A Introduction to Music Literature**

The best and most significant music of the West approached stylistically and historically, with special focus on Stravinsky's **Petrushka**. Not intended for music majors.

#### **MUA 224 Jazz, its Music and Style**

Roots and developments of jazz, with emphasis on such innovators and synthesizers as Louis Armstrong, Thelonius Monk and Sonny Rollins.

#### **MUA 242 Comprehensive Musicianship II: Medieval and Renaissance Music**

History, theory, performance practices and cultural context of Western music from the start of the Christian era to 1600. Prerequisite: MUA 145 or equivalent.

#### **MUA 245 Choral Literature and Ensemble**

Study and performance of masterworks of choral music. Concerts given both on and off campus. Chamber chorus chosen from membership of the larger group. Two semesters required for one course credit. Admission by audition with instructor.

#### **MUA 246 Instrumental Ensemble**

Participation in small ensembles for strings, brass or woodwinds. Repertoire from Renaissance to present. Four hours per week for two semesters earns one course credit. Permission of instructor required.

#### **MUA 266/7 Music Projects I**

Opportunities for study in special topics in performance, research, and areas of study not provided for in regular semester courses, by permission of instructor.

#### **MUA 326A American Music and Values**

Impact of the American pioneer experience on folk, popular and art music. Slave songs to electronic works. Freshmen discouraged from enrolling.

#### **MUA 341 Comprehensive Musicianship III: the Baroque Period**

The literature and associated stylistic analysis of music from Monteverdi through Bach (c. 1600-1750). Prerequisite: MUA 145 or permission of instructor.

#### **MUA 342 Comprehensive Musicianship IV: Music of the Classic Period**

Development of 18th century classical style through the music of Haydn, Mozart and Beethoven. Prerequisite: MUA145, or permission of instructor.

## **Personnel and Human Resource Management**

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### **MUA 350 (Directed Study) 20th Century Music**

Important works by major composers of this century, listening to recordings of their works, along with the history of the period. Open to all students; ability to read standard musical scoring at minimal level helpful.

### **MUA 361 Advanced Tonal Harmony**

A continuation of MUA 145, from modulatory techniques through the chromaticism of the late 19th century. Two one-hour labs in aural skills required each week. Permission of instructor required.

### **MUA 366/7 Music Projects II**

For advanced music students who wish to pursue work on specialized topics in depth, including composition. Permission of instructor required.

College Human Resource Institute.

### **MUA 442 Applied Music**

Studio instruction in voice, piano, organ, string, brass and woodwind instruments. One private lesson, one hour class meeting, and a minimum of six hours per week individual practice required for two semesters, for one course credit. Permission of instructor required. Fee charged.

### **MUA 443 Comprehensive Musicianship V: The Romantic Period — the 19th Century**

A study of the music of the 19th century from late Beethoven through Schubert, Brahms, Chopin and Wagner, among others. Prerequisite: MUA 145 or permission of instructor.

### **MUA 444 Comprehensive Musicianship VI: Contemporary Period**

Beginning with Debussy, contemporary music through the various mainstream composers. Post World War II events, such as aleatoric, electronic and computerized composition are included. Prerequisite: MUA 145 or permission of instructor.

### **CRA 141A Introduction to the Arts**

### **CRA 225A Music and Architecture**

For descriptions see **Aesthetic Perspective**.

### **KSA 201P Models, Myth and Music**

For description see **Knight Reading Seminars**.

## **PERSONNEL AND HUMAN RESOURCE MANAGEMENT (PHRM)**

A personnel and human resource management concentration may be elected within the management major. In addition to the specified competencies for the management major (see management), the PHRM concentration teaches theory and practices of personnel and human resources management in organizations including job definition, staffing, training and development, compensation and benefits, labor relations, environmental analysis and human resource planning and controlling. The PHRM concentration also allows students to integrate their classroom learning with related ongoing business and industry research in cooperation with the Eckerd College Human Resource Institute.

PHRM students are required to complete the following courses:

#### **Freshmen**

Quantitative Methods  
Statistical Methods

#### **Sophomores**

Principles of Microeconomics  
Principles of Accounting  
Introduction to Computer Science or  
Computer Applications

#### **Juniors**

Managerial Enterprise  
Marketing  
Personnel Management  
Personnel Planning and Industry Research I  
Organizational Behavior  
Introduction to Business Finance or  
Investment Finance  
Operations Management

**Summer:** PHRM work experience or internship is required. Credit may be awarded through an independent study if work experience is combined with approved academic work (such as a research paper).

#### **Seniors**

Personnel Planning and Industry Research II  
Business Policy and Strategic Management  
Senior Seminar: Issues in Management

All PHRM students must complete each required course with a grade of C or better. To

progress in sequence, and to receive credit for core courses in which the student has received a grade of D or F, a petition must be submitted and approved by the PHRM coordinator.

See **Management**.

## **PHILOSOPHY**

Students majoring in philosophy develop with their Mentor a program of study including a minimum of eight courses, including one logic course and one ethics course; at least three courses from the History of Philosophy series (other philosophy courses with a significant historical component may be substituted upon approval of the philosophy faculty); Contemporary Philosophical Methodology; and other upper level courses focused on the student's particular philosophical interests. In addition, philosophy majors are expected to take complementary courses in other disciplines that provide background and breadth in their program of study.

Philosophy majors are to have a working knowledge of the issues and methods covered in their required courses in logic, ethics and the history of philosophy sequence, in addition to those in their chosen upper-level area of focus. This competence and the ability to communicate it in speaking and writing is demonstrated by satisfactory completion of the courses in the philosophy major and of a Senior thesis or comprehensive examination in philosophy.

A minor in philosophy consists of five philosophy courses, to be approved by the philosophy coordinator.

### **PLL 101 Introduction to Philosophy (Directed Study available)**

Analyze philosophical issues concerning human nature, our relationship to the world around us, and major philosophical issues of value and meaning. Study works of several great philosophers to help students develop their own views.

### **PLL 102M Introduction to Logic**

Methods of critical and logical analysis of language and thought. Helps develop critical, analytical reasoning and linguistic precision.

### **PLL 220 Existentialism**

A provocatively modern approach to many of the issues of the philosophical tradition; the existential foundations of art, religion, science and technology.

### **PLL 230 Philosophy of Religion**

The conceptual aspects of religion: natural and supernatural, religious experience, sources of religious knowledge, faith and reason in the past and future. Offered alternate years.

### **PLL 241S Ethics: Tradition and Critique**

Various systems for judging good and bad, right and wrong. Definitions of the good life, ethical theories and their application to issues such as abortion, civil rights, war and peace censorship, etc.

### **PLL/MNB 242S Ethics in Management: Theory and Practice**

For description see **Management**.

### **PLL 243E Environmental Ethics**

A philosophical investigation of our relationship to the natural environment, and how these considerations affect our moral obligations to other people, as well as future generations.

### **PLL 244 Social and Political Philosophy**

Major social and political theories that have been influential in the West. Contemporary political theory examined in light of classical tradition and historical movements. Offered alternate years.

### **PLL 261A Philosophy and Film**

Viewing films, discussing them, and reading philosophical essays about film, art, believing, and the difficulties of living well. How themes from some major contemporary films reflect persisting philosophical themes.

### **PLL 263A Aesthetics**

Examine various answers to questions asked from ancient times by philosophers, artists and other thoughtful people about the nature of art, beauty, and the role of the arts and artists in society. Prerequisite: Western Heritage or permission of instructor.

## **Philosophy**

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### **PLL 311 Major Philosophers**

An intensive study of a single major philosopher. May be taken more than once for credit with focus on different philosophers.

### **PLL 312 American Philosophy**

Major trends and emphases in American philosophy from the colonial period to the 20th century. Prerequisite: some background in the humanities or permission of instructor.

### **PLL 321 History of Philosophy: Greek and Roman**

The rise of philosophy, 600 B.C.-A.D. 100, with emphasis on natural philosophy. Pre-Socratics, Sophists, Stoics, Epicureans, Plato and Aristotle. Offered alternate years.

### **PLL 322 History of Philosophy: Medieval and Renaissance**

Philosophical thought from ebb of Rome through rise of modern Europe, including developments in Jewish and/or Islamic, and Christian philosophy. Faith and reason, realism and nominalism, mysticism and rationalism, Platonism and Aristotelianism. Offered alternate years.

### **PLL 323 History of Philosophy: 17th-18th Century**

Descartes through Kant as response to the Scientific Revolution. Comparison of rationalism and empiricism. Offered alternate years.

### **PLL 324 History of Philosophy: 19th Century**

Kant, German Idealism, Utilitarianism, social and scientific philosophy, existentialism, Hegel, Schopenhauer, Marx, Kierkegaard, Nietzsche, others. Offered alternate years.

### **PLL 325 History of Science**

Physical science from 600 B.C.-A.D. 1700. Major discoveries and scientists, different approaches to science, the interrelationship between science and society.

### **PLL 331/332 Special Topics in Philosophy**

Philosophical study of one or more aspects of culture, such as sport, gender, unorthodox science, sexuality, mass communication, artificial intelligence, literature and technology. May be taken more than once for credit with different topics.

### **PLL 342 20th Century Philosophical Movements**

Development of philosophical analysis and existentialism as the two main philosophical movements of the 20th century. Freshmen require permission of instructor.

### **PLL 344 Varieties of Marxism**

Selections from Marx, Engels, Lenin, Trotsky, Stalin; Chinese, Latin American and European interpretations of Marx. Some background in philosophy, economics or political theory required. Freshmen require permission of instructor.

### **PLL 345 Symbolic Logic**

Logic as an object of study, not an inferential tool. Derivability, completeness, analyticity, categoricity and consistency. Prerequisite: PLL 102M or permission of instructor. Offered alternate years.

### **PLL 348 Philosophical Theology**

A philosophical study of the nature of God and the relation of God and world, based on readings from early Greek philosophy to the present. Prerequisite: some background in philosophy or religion.

### **PLL 360 Philosophy of Science**

Recent controversies on the scientific explanation between formal logical analysis and the informal, heuristic approach. Analysis of laws and theories. Examples from the history of science. Offered alternate years.

### **PLL 361 Contemporary Ethical Theory**

Major contemporary schools of thought in moral philosophy. Prerequisite: some background in philosophy, religious studies, psychology, literature or related disciplines.

### **PLL 362 Contemporary Political Philosophy**

Major contemporary schools of thought in political philosophy. Prerequisite: some background in philosophy, political science, history, economics, American studies or literature.

### **PLL 363 Philosophy of Economics**

Comparison of two competing schools of thought in contemporary political economy that have developed from classical statements of their positions in the works of Adam Smith and Karl Marx, and their implications for human welfare. Prerequisite: a course in philosophy, economics, political science, or history.

### **PLL 365 Philosophy of History**

Consideration of the meaning of history and such questions as: is history leading anywhere? does it result in anything genuinely new, or is it an "eternal recurrence of the same"? Prerequisite: some background in the humanities.

### **PLL 366 Philosophy of Political Transformation**

Human needs and social justice, barriers to the realization of human dignity and rights, relative justifiability of alternate methods of social change, case studies in social change. Seminar emphasizing extensive student responsibility. Field experience component.

### **PLL 403 Contemporary Philosophical Methodologies**

Intensive investigation of philosophical methodologies, designed to help students practice philosophy in an original manner. Emphasis on independent study. Prerequisite: one or more upper level philosophy course or permission of instructor. May be taken more than once for credit in order to study different methodologies.

### **KSL 201P The Ancient Tradition I: Homer to Plato**

### **KSL 202P The Ancient Tradition II: Empires and Ethics**

### **KSL 204P Ethics: Human Development and the Good Life**

### **KSL 205P Plato and Aristotle's Science**

For descriptions see **Knight Reading Seminars**.

### **LTL 301A A Nation of Poets and Thinkers: Art and Philosophy in Modern German Culture**

For description see **Aesthetic Perspective Courses**.

### **LTL/NAN 283E The Growth and Nature of Scientific Views**

### **LTL 303E The Scientific Revolution and Human Values**

For description see **Environmental Perspective Courses**.

## **PHILOSOPHY/RELIGION**

A major in philosophy/religion includes eleven courses, five in philosophy, five in religious studies, and Philosophy of Religion. The program ordinarily culminates in a Senior thesis. Required courses in philosophy are: two from PLL 101, 102M, 241S; two from PLL 321, 322, 323, 324; one other upper-level course. Required courses in religious studies are: REL 201S; one from REL 203C, 204C; and three other upper-level courses. Additional upper-level courses in each discipline are recommended, and any change in these requirements must have the approval of faculty of both disciplines.

## **PHYSICAL EDUCATION**

### **PEB 121 Principles of Physical Education**

Investigating physical education as a career. Minimum 20 hours in local schools in pre-internship program. Personal interview required. Open to upperclass students.

### **PEB 123 Fitness and Skills**

Introduction to many skills, with emphasis on promoting a lifetime of physical activity through at least one skill. Vigorous exercise program for the entire year. Medical clearance required. Open to upperclass students.

### **PEB 321 Athletic Coaching**

Social-psychological problems of coaching today, the role of sports, developing a philosophy of coaching. Sports programs from youth leagues to collegiate athletics. Teaching styles, training, sports psychology.

## Physics

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*The following does not carry course credit:*

### Lifeguard Training

Use of rescue equipment, spinal injury management techniques, basic pool maintenance. Prerequisite: First Aid and CPR, ability to swim 500 yards using crawl, breaststroke, elementary backstroke, etc. Must be minimum of 15 years of age.

## PHYSICS

For the B.A. degree, students majoring in physics normally take the following courses: Fundamental Physics I, II, III, Electronics, Classical Mechanics, Electricity and Magnetism, Quantum Physics I, Calculus I, II, III. For the B.S. degree, additional courses normally included are Quantum Physics II, Differential Equations, and Linear Algebra, along with Senior Thesis, and General Chemistry I, II. The Mathematical Sciences Seminar is required in the Junior and Senior years. Students may arrange independent or directed study courses in advanced subjects to suit their needs.

An example of a program of courses which would lead to a major in physics:

### Freshmen

#### *Fall*

Calculus I

Physics I

#### *Spring*

Calculus II

Physics II

### Sophomores

#### *Fall*

Calculus III

Physics III

#### *Spring*

Differential Equations

Electronics

### Juniors

#### *Fall*

Classical Mechanics

Chemistry I

#### *Spring*

Electromagnetism

Chemistry II

### Seniors

#### *Fall*

Quantum Physics I

#### *Spring*

Quantum Physics II

In addition, physics majors are required to enroll in the mathematical sciences seminar during their Junior and Senior years.

Students who major in physics develop competency in using scientific methodology: in creating mathematical models of real-world systems, manipulating these models to obtain predictions of the system's behavior, and testing the model's predictions against the observed real-world behavior. Mechanical, electromagnetic, thermodynamic, and atomic/molecular systems are among those with which students become familiar in the building and testing of theoretical models. Problem-solving and quantitative reasoning are among the skills which are developed.

### PHN 209E Our Environment: The Universe

Physical principles and applications which help students appreciate the interactions of humans with the environment and universe. Theories of the origin and evolution of environment and glimpses of the future.

### PHN 241 Fundamental Physics I

Three course sequence, Fundamental Physics I, II, III, presents a contemporary view of concepts in elementary form. Prerequisite: MAN 131M.

### PHN 242 Fundamental Physics II

Second of elementary physics sequence. Prerequisite: PHN 241 and MAN 131M.

### PHN 243 Fundamental Physics III

Continuation of elementary physics sequence. Prerequisite: 242 or permission of instructor.

### PHN 320 Optics

Wave motion, electromagnetic theory, photons, light and geometric optics, superposition and polarization of waves, interference and diffraction of waves, coherence theory, holography and lasers. Prerequisites: MAN 132 and PHN 242.

### PHN 321 Solid Earth Geophysics

Theory and methods of physics applied to the earth. Gravity, magnetic, electrical, seismic, and heat flow techniques as they pertain to the earth. Prerequisite: PHN 241, 242, MAN 131, 132, or consent of instructor. MAN 233 recommended.

**PHN 341 Classical Mechanics**

Particles and rigid bodies, elastic media, waves, Lagrangian and Hamiltonian formulations of dynamics. Prerequisites: PHN 242 and MAN 234 or permission of instructor.

**PHN 342 Electricity and Magnetism**

Maxwell's equations in the study of electric and magnetic fields, AC and DC circuits. Electromagnetic wave theory introduced. Prerequisites: PHN 242 and MAN 234 or permission of instructor.

**NAN 410 Senior Seminar in the Natural Sciences**

For description see **Senior Seminars and NAN 438 below**.

**NAN 438/410 Mathematical Sciences Seminar (2 Year Sequence)**

Required of all Juniors and Seniors majoring in physics and mathematics. For description see **Mathematics**.

**PHN 443 Quantum Physics I**

Modern quantum theory and relativity. Comparison of classical and quantum results. Prerequisite: PHN 243 and permission of instructor.

**PHN 444 Quantum Physics II**

Three-dimensional wave equation and application to hydrogen atoms. Identical particles introduced with emphasis on low-energy scattering. Prerequisite: PHN 433 or permission of instructor.

**PHN 499 Independent Research — Thesis**

Outstanding students majoring in physics normally are invited to engage in active research and to prepare a thesis in lieu of a Senior comprehensive exam.

**NAN 204 Electronics**

Electronic circuit theory utilizing modern electronic techniques and instrumentation.

**NAN 205 Descriptive Astronomy**

Origin and evolution of the solar system, and our relationship to the universe. Telescopic observation sessions of moon, planets and stars.

**NAN 244E Energy and Environment**

**NAN 282E The Long Journey**

For description see **Environmental Perspective Courses**.

**DIRECTED STUDIES**

**NAN 150 (Directed Study) The Universe**

A non-mathematical study of creation and evolution, starting with the Big Bang theory and concentrating on the physical universe.

**NAN 151 (Directed Study) The World of Life**

The creation of life, the evolutionary history of the biosphere, and the study of life in communities provide an overview of life on earth, past and present.

**NAN 251 (Directed Study) The Futures of Humanity: Worlds of Science Fiction**

Student will gain an awareness of the many possible futures which can grow from the potentialities already present, through a study of science fiction.

**POLITICAL SCIENCE**

Students majoring in political science affiliate with either the Letters or Behavioral Science Collegium, depending on their individual career or research plans. Both require the completion of Introduction to American National Government and Politics, and either Introduction to Comparative Government or Introduction to International Relations. Beyond the two introductory courses, all students must complete six additional non-introductory political science courses including at least one from each member of the political science faculty. All political science majors must also complete Statistical Methods and the political science Senior Seminar. The typical course sequence for political science majors includes the completion of two introductory courses in their first year, followed by an individually tailored set of upper-division courses. Majors ordinarily concentrate their upper-division coursework in either international affairs or American politics.

Students with specific career or research interests not adequately covered by the discipline may substitute one course from another discipline for one upper-level political science

course with prior approval of the political science faculty. Students are encouraged to use one winter term to explore their career or research interests through an appropriate internship. With the approval of the political science faculty, one winter term internship may fulfill a political science major requirement. One winter term project may also be accepted toward degree requirements in political science.

Students choosing to major in political science gain fundamental understanding of American government, how our governmental system compares with other major political systems, and how the U.S. interrelates with the rest of the world. Majors gain competence in political analysis and research skills as well as an understanding of political power, government institutions, and international affairs.

Students may also earn a minor in political science with successful completion of POL 102S, either POB 103C or POB 104C, and any four additional non-introductory courses spread across the political science faculty.

### **POL 102S Introduction to American National Government and Politics**

American democratic theory, political parties, interest groups, presidential selection and functions, Congress, Supreme Court, federal bureaucracy, and several major areas of policy making conducted by the national government.

### **POB 103C Introduction to International Relations**

National and international political relationships, origins of war, the international system, rich and poor nations and the politics of hunger, and alternate concepts to the present system.

### **POB 104C Introduction to Comparative Politics**

Issues and analysis of the internal dynamics of modern states through examination of Britain, France, Germany, USSR and the Third World, laying the foundation for further study in comparative politics and/or international relations.

### **POL 202 Public Policy-Making in America**

Introduction to the general policy-making process. Formulation of new policies and programs, implementation, evaluation of federal programs. Policy areas such as unemployment and environment.

### **POB 211C Inter-American Relations**

Historical examination of continuities and changes in U.S. policy toward Latin America from Monroe Doctrine to present in Central America, from a range of ideological and scholarly perspectives. Prerequisite: POB 103C, and either POL 102S, or POB 104C.

### **POB 212 U.S. Foreign Policy**

History of U.S. diplomacy and foreign policy. Complex global issues (economic, political, strategic) faced by policy makers and citizens alike. Policies and alternatives that the U.S. faces today and into the 1990's. Prerequisite: POL 102S and POB 103C or POB 104C or permission of instructor.

### **POB 221 Politics of Revolution and Development**

Causes and nature of political violence and revolution as related to human behavior theory. Theories on causes of revolution, concepts of liberation, consequences and responsibilities of interstate relations during times of crisis. Recommended: POL 102S and either POB 103C or 104C.

### **POB 222 Political Ideologies**

The role, function and origin of ideology in politics. Comparative political ideologies such as Fascism, Nazism, Anarchism, Socialism, Communism, Corporatism, Capitalism/Liberalism, domestic and international forms of terrorism.

### **POL 301 The Constitution and Government Power**

Constitutional power bases of judicial, executive and legislative branches of national government, analysis of major constitutional issues, of federalism and powers of the states, Supreme Court decisions. One lower-division political science course recommended.

### **POL 302 The Constitution and Individual Rights**

Examining those portions of the Constitution dealing with relations between the individual and the government (the Bill of Rights, due process, equal protection, privileges and immunities, etc.). POL 301 is **not** prerequisite. One lower-division political science course recommended.

**POL 303 The American Presidency**

The Presidency as a political and constitutional office, its growth and development from Washington to the present. One lower-division political science course recommended.

**POB 304 U.S. Congress**

The U.S. legislative process with major attention to the Senate and House of Representatives. Roles of lawmakers, legislative behavior, and representative government in theory and fact. One lower-division political science course recommended.

**POB 305 Political Parties and Interest Groups**

Party organization and functions at national, state and county levels, and other institutions and activities competing for party functions. One lower-division political science course recommended.

**POB 311 Latin American Politics**

Historical overview of Latin American political development from the Spanish conquest to 20th century, comparison of political systems and people, and future prospects. Prerequisite: POL 102S and POB 103C or 104C.

**POB 312 Politics of Underdevelopment**

An introduction to the politics of underdevelopment in Asia, Africa and Latin America, focusing on the causes and consequences of poverty.

**POB 313 Seminar in Democratic Theory**

Philosophical roots of democratic theory, theoretical requisites of a democratic system, practical political/economic implications, examined as citizens of both the U.S. and the world. Prerequisites: POL 102S and one other political science course.

**POB 321C Comparative European Politics**

Parties, interest groups, political movements, major institutions of government, as well as culture, history and contemporary political problems. POB 104C recommended or instructor's permission.

**POB 322 Authoritarian Political Systems**

Structure and emergence of 20th century authoritarian regimes, including Fascism, corporatism, military governments, one-party Communist states and personalist dictatorships. A previous political science course is recommended.

**POB 323 International Relations: Theories of War and Peace**

Problems and origins of conflict among sovereign states in the contemporary world. Origins of war and cold war. Modern characteristics of international politics. Prerequisites: POL 102S and POB 103C or POB 104C, or permission of instructor.

**POB 324 Communist Political Systems**

Evolution of Marxist theory in a variety of political systems: U.S.S.R., People's Republic of China, Afro-Marxist regimes, non-ruling communist parties of Western Europe. Highly recommended that students have had either POB 103S, 104C, 321C, HIC 244A or PLL 344.

**POB 350 (Directed Study) Florida Politics**

State and local government in U.S., overview of Southern politics, problems and issues of Florida: rapid growth, race relations, environment, voter dealignment, party realignment, elections, regional issues and solidarity.

**POB 410 The U.S. and the Vietnam Experience**

Senior Seminar for political science majors. History of U.S. involvement in Southeast Asia and impact of the Vietnam experience on U.S. policy making in the 1980's. Causes of war, international mechanisms for conflict resolution, comparative development strategies and Third World political systems.

**POB 421 Comparative Judicial Politics**

Judicial politics across political systems. Relationship among law, society and public policy in European, socialist and non-Western systems. The inner workings, view of justice, and social/cultural development of other civil societies. Prerequisite: Junior or Senior standing.

## Psychology

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### **POL 450 (Directed Study) The Supreme Court in American Politics**

Internal operations of the U.S. Supreme Court, judicial decision-making and behavior, jurisdiction, structure of court system, Supreme Court's role in adjudication of civil rights and liberties.

### **POI 2/301S Introduction to Contemporary British Politics**

For description see **International Education, London.**

### **KSB 201P Power, Authority and Virtue**

For description see **Knight Reading Seminars.**

## **PSYCHOLOGY**

Students majoring in psychology have the option of completing either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree.

Those electing to earn the **B.A. degree** complete the following:

Introduction to Psychology, Human Learning and Cognition, Psychology of Childhood and Adolescence, Experimental Psychology, Personality Theory and Research, Biopsychology, Abnormal Psychology, Introduction to Clinical and Counseling Psychology, and Social Psychology.

Those electing to earn the **B.S. degree** complete all of the B.A. courses (except Introduction to Clinical and Counseling Psychology) plus the following:

Research Skills, Psychological Tests and Measurements, and either Advanced Personality Research or Advanced Social Research.

Psychology majors also take Statistical Methods (required of all students majoring in the Behavioral Science Collegium) and the Senior Seminar.

The required courses are arranged in a hierarchical and developmental sequence in order to avoid redundancy and achieve a high level of training during the undergraduate years. This sequence is listed on a checklist which the student will use with the mentor to plan each semester's classes. While providing a basic structure to the degree planning, the sequence includes adequate flexibility for students wishing to participate in the International Education program and those who

also pursue a second major.

Students in the B.A. degree program acquire a knowledge of the theoretical approaches, research methodologies, research findings, and practical applications of the many sub-fields within the science and profession of contemporary psychology. Working closely with their Mentors, students build on this foundation by developing an individualized area of courses in a particular specialty which will augment their liberal arts psychology background. These students acquire the ability to:

- critique new research findings in psychology.
- present research findings and theoretical systems in oral and written formats.
- apply theory to real-world problems.
- evaluate contemporary controversies in the field of psychology.

Students in the B.S. degree program acquire the same core foundation as described in the B.A. program and build on this foundation with a set of experiences in which they acquire the following specific research skills:

- critically reviewing and synthesizing diverse bodies of research literature.
- designing and conducting original research projects.
- using SPSS<sub>x</sub> to analyze research data.
- using microcomputer-based graphics packages to prepare professional quality figures and graphics.
- preparing publication quality research reports in APA format.

A minor in psychology must include Experimental Psychology, Psychology of Childhood and Adolescence, Human Learning and Cognition, Abnormal Psychology, and either Personality Theory and Research or Social Psychology.

All courses required for the major or minor must be passed with a grade of C or better.

### **PSB 101S Introduction to Psychology**

Psychological processes, behavior, empirical methods, statistical concepts, biopsychology, learning, memory, cognition, motivation, human development, personality, abnormal behavior, social processes, values issues in research and intervention in human lives.

**PSB 201 Experimental Psychology**

Research methodology, experiments, analysis of data. Observational techniques, correlational and laboratory methods. Prerequisites: PSB 101S and BEB 160M.

**PSB 202 Psychology of Childhood and Adolescence**

Integrative approach to physical/behavioral, cognitive/intellectual, social/emotional development from conception to the end of adolescence. Prerequisite: PSB 101S.

**PSB 203 Psychology of Adulthood and Aging**

Personality, perceptual, physiological, intellectual and social changes beyond adolescence. Prerequisite: PSB 101S. Offered alternate years.

**PSB 205 Human Learning and Cognition**

Principles of human learning, thinking, creativity, formal reasoning, information processing, problem solving and memory. Prerequisites: PSB 101S.

**PSA/HDA 206 Introduction to Clinical and Counseling Psychology**

Overview of the helping professions, personality theory, human development, processes of counseling/therapy, research, self-awareness and assessment. Prerequisite: PSB 101S or HDA 101, or permission of instructor.

**PSA/EDA 207 Group Dynamics**

For description see **Education**.

**PSB 221 Research Skills in Psychology**

Primarily for students pursuing the B.S. degree in psychology. Acquire skills in designing, executing, analyzing and reporting correlational and experimental research. Prerequisite: PSB 201 and BEB 160M.

**PSA/HDA 302 Gestalt Theory and Practice**

A foundation stone in the human potential process, serving therapy, personal growth, education, creativity and self-awareness. Prerequisite: PSB 101S or permission of instructor. Generally offered alternate years.

**PSB 302 Social Psychology**

The study of the individual in a social environment, group influence, past and present concepts and research. Experimental approach to understanding social forces which affect individuals. Prerequisites: PSB 101S and BEB 160M.

**PSB 306 Personality Theory and Research**

Advanced course for psychology majors in the study of classical and contemporary approaches to personality. Prerequisites: PSB 201.

**PSB 307 Psychological Tests and Measurement**

Reliability, validity, psychological and measurement assumptions underlying interviews, self-report inventories, aptitude tests; major instruments and their uses; ethical issues in testing. Prerequisite: PSB 221 (or may be taken concurrently).

**PSA/HDA 309 Abnormal Psychology**

Behavior and states of consciousness judged by society to be abnormal, deviant or unacceptable, using such models for understanding as the psychoanalytic, medical, behavioristic and humanistic-existential. Prerequisites: PSB 101S, PSB 206, Junior or Senior standing, or permission of instructor.

**PSB 309 Biopsychology**

The application of neurological and neurophysiological principles to understanding such phenomena as consciousness, instinct, motivation, learning, thought, language, memory, emotion. Appropriate for Juniors and Seniors with backgrounds in psychology or natural sciences. Prerequisite: PSB 101S.

**PSB 322 Advanced Social Research**

For B.S. track students. Acquire experience in conducting research with an emphasis on techniques (archival research, survey methodology) not stressed in the experimental psychology sequence. Prerequisites: PSB 221 and 302.

## **Religious Studies**

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### **PSB 326 Advanced Personality Research**

For B.S. track students. Acquire experience in conducting research, stressing content and methodology. Fine points of cutting edge investigations of personality issues. Prerequisite: PSB 221 and 306.

### **PSI 350 (Directed Study) Youth Experience in a Changing Great Britain**

For description see **International Education, London Offerings.**

### **PSA 383S Psychology of Consciousness**

Psychology studies both behavior and consciousness. This perspective emphasizes consciousness, both normal and altered states. Theory, research, practices and new paradigms of reality, health and creativity.

### **PSB 402 Research Seminar in Psychology**

Designed for students to do original research. Prerequisites: PSB 101S, BEB 160M, PSB 201 and permission of instructor.

### **PSA/HDA 403 Practicum in Peer Counseling**

### **PSA/HDA 405 Practicum in Group Process**

For descriptions see **Human Development.**

### **PSB 410-A History and Systems**

Senior Seminar for B.S. psychology majors. A synthetic overview of the history and major theoretical systems of modern psychology. Prerequisites: Senior standing and major preparation in psychology.

### **PSB 410-B Senior Seminar in Psychology**

Senior Seminar for B.A. psychology majors. Ethical issues, bio-social-psychological problems, analyzing, researching, solving. Prerequisite: Senior standing and major preparation in psychology.

### **PSA/EDA 421 Psychology for Education**

For description see **Education.**

### **PSA/B 499 Independent Research — Thesis**

Psychology majors may elect to devise an independent study project with one of the faculty. Directed research leading to a Senior thesis is available by invitation of the faculty only.

## **RELIGION/PHILOSOPHY**

See **Philosophy/Religion.**

## **RELIGIOUS STUDIES/ RELIGIOUS EDUCATION**

Students majoring in religious studies must take the basic course, **Introduction to Religious Studies**, and at least two courses from each of the following areas: Biblical studies (including REL 105, REL 203C, or 204C) historical and theological studies (including REL 241), non-Western religions (including REC 240C) and two additional religious studies courses of the student's choice. At least four of the courses beyond the introductory course must be 300 level or above.

Competency in the religious studies major will be determined by successful completion of all courses and by comprehensive examinations in three specific areas, or thesis. Directed and independent study courses may be taken toward fulfillment of this major.

Majors in religious studies should have developed the following competencies by the time they graduate:

- familiarity with the principal concerns and methods of the field of religious studies.
- knowledge of a chosen focal area that allows the student to converse with ease on subjects related to the area and make appropriate judgments based on critical study.
- capacity to make effective use of appropriate historical, literary, and critical tools for the study of religious texts and traditions.
- ability to relate the beliefs and values of religious traditions to specific issues arising out of contemporary society.
- evidence of integrative self-reflection showing that the student is engaged in a serious effort to synthesize new information and insight into a personally meaningful world-view.

Competency in the major is determined by successful completion of the courses for the major and of the senior requirement, as follows: Each student is expected to keep a portfolio of papers written for courses in the major. The portfolio should include two papers in each of the three main fields: Biblical studies; historical and theological studies; non-Western religions. One of these fields should be chosen by the student as the primary focus of study. A paper in this chosen area is specially prepared for oral presentation to the religious studies faculty and interested students. This can be either a seventh paper or one of the six course papers. The student should do additional work on all of the papers before they are submitted to the faculty. A comprehensive grade, covering portfolio, presentation, and oral response, is assigned at the conclusion of an interview in which the three faculty members have a chance to question the student regarding the portfolio and presentation.

For a minor in religious studies a student will normally take REL 201S plus four courses in the discipline, subject to the approval of the discipline faculty.

An interdisciplinary concentration in **Religious Education** is also available. This concentration, under the supervision of a three-member interdisciplinary faculty committee, requires the completion of at least nine courses, including two in Biblical studies (one of which should be REL 105, REL 203C, or REL 204C) and two in theological and historical studies (including REL 241). The remaining five courses are selected from the area of psychology and counseling studies and from education. This concentration should appeal especially to students contemplating professional careers with church and synagogue, and to students who wish to work as lay people in religious institutions.

### **REL 101/102 New Testament Greek**

Vocabulary and syntax of Koine Greek, to a level of proficiency adequate for beginning study of the New Testament.

### **REL 105 Introduction to the Bible**

Biblical history and literary style, other contemporary literature, studied for content, genre, historical context, prominent thematic concerns. Basic principles of biblical criticism as preparation for higher-level courses in biblical and religious studies.

### **REL 201S Introduction to Religious Studies (Directed Study available)**

Religious experience and ideas as they are expressed in such cultural forms as community, ritual, myth, doctrine, ethics, scripture and art; synthesizing personal religious ideas and values.

### **REL 203C Old Testament Judaism**

The culture of ancient Israel, precursor to modern Judaism, through a survey of Hebrew literature of the Old Testament period.

### **REL 204C New Testament Christianity**

An introduction to the world of early Christianity, with its Hebraic Greco-Roman background, through a survey of Christian literature of the first two centuries C.E.

### **REL 205 Varieties of Biblical Interpretation**

Theory and history of biblical interpretation. Explore and evaluate various approaches, including feminist, materialistic, psychoanalytic, literary-critical, theological interpretations.

### **REL 210S Introduction to Christian Ethics (Directed Study available)**

Some major figures in the history of Christian ethics, with most emphasis on contemporary approaches such as Barth, Niebuhr, Gustafson, Fletcher, Ramsey, Dussell. Introduction to some of most important issues and methods.

### **REL 221S Religion in America (Directed Study available)**

The beliefs, behavior and institutions of Judaism and Christianity in American life. The uniqueness of the American religious experience and its impact on American institutional patterns.

## **Religious Education**

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### **REC 240C Non-Western Religions**

The founders of non-Western religions, their life experiences, religious views and the emergence of their teachings as coherent systems, with comparisons to the Judaeo-Christian tradition.

### **REL 241 History of Christianity**

Beliefs, practices and institutions of the Christian Church through the past nineteen centuries. The great theological debates, significant issues, and formative thinkers.

### **REL 244C Western Religions**

Major religions of Middle East, Judaism, Christianity, Islam. Historical development, literature and contributions to the West. The Bible and Koran.

### **REL 280 Christianity and Contemporary Culture**

How the Christian faith and culture can and should relate to each other. Christian faith and politics, economics, science and technology, the arts, literature and philosophy.

### **REL 305 Biblical Exegesis**

Close reading of particular section of the Bible, its socio-historical background, literary, theological, philological, grammatical and rhetorical characteristics. Prerequisite: REL 203C or 204C or consent of instructor.

### **REC 320 The Buddhist Tradition**

Gautama's enlightenment, the Noble Eight-fold Path, development of Buddhist ideas and practices as they spread from India to South and East Asia, contrasting Western religious views with those of another world religion.

### **REC 321C Confucian and Taoist Traditions**

Early Chinese views of the world through literature and archaeological remains. Recommended as follow-up to East Asian Area Studies for those interested in more detailed study.

### **REL 329 Liberation Theology**

The growth of Latin American, black, feminist, and European political liberation theologies from earlier forms of theology, their development and contribution to the wider theology, and responses to them.

### **REL 330 Human Nature and Destiny: A Theological Inquiry**

Study a major theme associated with Christian understandings of the nature of human life, the relationship between the individual and society, historicity, purposiveness of human life, relationship between humans and nature.

### **REL/LIL 342A The Art of Biblical Literature**

The poetry, prophecy, law, drama, short story, proverbs, parables and epistles in one of the world's greatest collections of religious literature.

### **REL 361 Contemporary Christian Thought**

In-depth survey of the major religious thinkers of the 20th century including Barth, Bultmann, Tillich, Niebuhr, Buber, Kung and Moltmann.

### **REC 370 The Zen Phenomenon**

The origins, development of thought, distinctive practices, impact on Japanese culture, and viability outside the Oriental context of Zen.

### **REL 380 God and Self-Understanding**

The problem of knowing and talking about God, the effect of the idea of God on understanding ourselves, and the development and significance of the Christian doctrine of the Trinity, historically and today.

### **REC 386E The Human Environment: Religious and Ethical Perspectives**

The role of religious values in coping with such environmental concerns as population, food and energy shortages, natural resources depletion, and pollution, along with alternate life styles.

### **REL 401 Internship in Religious Education**

Supervised, field-based experience in church work, with a minimum of 150 hours on-site experience. Permission of instructor required.

### **REL 440 Biblical Theology**

The central ideas and themes of the Old and New Testaments as a means of moving inside Jewish and Christian theological traditions. Prerequisite: one college-level course in Bible.

**REL 441 New Testament Perspectives on Contemporary Issues**

Research seminar on ethical/theological principles in the New Testament on such issues as sexuality, race, war, peace, revolution, non-violence, poverty, environment, social justice, church and state. Prerequisite: Junior or Senior standing.

**REL 449 Religion and Imagination**

Philosophical and theological treatments of imagination in religion and in all of life, their implications for religion, faith and the role of intellectual reflection in religion. Focus on Christianity, but principles have broader implications. Prerequisite: consent of instructor.

**CUC 282C East Asian Area Studies**

For description see **Cross-Cultural Perspective Courses**

**KSL 203P Search for Transcendent Order****KSL 206P Truth and Narrative**

For descriptions see **Knight Reading Seminars**.

**RESIDENT ADVISER****CRA 305 Resident Adviser Internship**

A year-long course for Resident Advisers at Eckerd College, beginning in autumn term. Communication, paraprofessional counseling, crisis intervention, conflict resolution, leadership training.

**RUSSIAN STUDIES**

The major in Russian studies integrates the study of the Russian language with Russian history, literature and contemporary Russian reality. Students must complete at least two years of college level Russian, and finish five courses dealing specifically with Russia: two in Russian history, two in Russian literature, and one in Russian Area Studies. Each student must also choose a field of specialization within Russian studies (usually language, literature, history, or social studies) consisting of at least four courses in addition to those listed above. When appropriate, these courses may be independent studies, and/or thesis preparation. All students have an oral examination covering their entire program, in addition to the com-

prehensive exam in a field of specialization or a thesis.

Students interested in the major should begin immediately with the study of the Russian language. The entry level course to the major is Russian Area Studies. Additional courses are offered in Russian.

Students who complete the Russian studies major demonstrate the following competencies:

- knowledge of the Russian language including an understanding of its grammatical structure and the acquisition of basic vocabulary.
- understanding of Russian history from its roots in Kievan Russia to the dramatic events of the 1990's.
- knowledge of Russian writers and the great works of Russian literature of the nineteenth and twentieth centuries.
- understanding of contemporary Russian and former Soviet political and social structures, cultural patterns, and relationships with the outside world as they relate to the present, and the probable future path of Russian development.

Requirements for the minor in Russian studies include one year of Russian language and any four courses in Russian studies.

**RUC 101/2 Elementary Russian**

Intensive drill in understanding, speaking, reading and writing grammatical and conversational patterns of modern Russian.

**RUC 201/2 Intermediate Russian**

Review and completion of basic Russian grammar, and continued work on conversational skills. Prerequisite: RUC 101/2.

**RUC/LIC 232 Russian Classics in Translation**

Representative works of 19th century Russian writers including Pushkin, Lermontov, Gogol, Turgenev, Tolstoy, Dostoevsky and Chekhov. Offered alternate years.

**RUC/LIC 234 20th Century Russian Literature in Translation**

Literary and political factors in the development of Russian literature since the Russian Revolution of 1917.

## **Sea Semester**

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***The following two courses are taught in Russian.***

**RUC 301 Introduction to Russian Literature and Culture**

Russian cultural heritage including a survey of Russian literature from Pushkin to Solzhenitsyn. Prerequisite: two years of college Russian. Offered alternate years.

**RUC 302 Daily Life in Russian Society**

Family, education, youth organizations, economic pursuits, mass media, leisure activities, etc. Prerequisite: two years of college Russian. Offered alternate years.

**CUC 283C Russian Area Studies**

For description see **Cross-Cultural Perspective**.

For further courses see **History, Philosophy, Political Science and Cross-Cultural Perspectives**.

## **SEA SEMESTER**

An opportunity for qualified students to earn a semester of credit in an academic, scientific and practical experience leading to a realistic understanding of the sea, sponsored by the Sea Education Association, Inc. (S.E.A.).

Students spend the first half of the semester (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science and maritime studies. They then go to sea for the second half of the semester (the six-week sea component) for a practical laboratory experience. The program may be begun at any of six times during the year. Eckerd College tuition and scholarship aid often can be applied toward the cost of Sea Semester and additional aid may be available from S.E.A. For more information, contact the Office of International Education and Off-Campus Programs or Prof. John Ferguson.

Block credit for four courses is awarded for the successful completion of the five topics listed below. Students from any major may apply and this satisfies the Environmental Perspective requirement.

**SMN 301 Oceanography**

Survey of the characteristics and processes of the global ocean. Prerequisite: one semester of a college laboratory course in a physical or biological science or its equivalent.

**SMN 302 Maritime Studies**

A multidisciplinary study of the history, literature and art of our maritime heritage, and the political and economic problems of contemporary maritime affairs.

**SMN 303 Nautical Science**

Navigation, naval architecture, ship construction, marine engineering systems and the physics of sail.

**SMN 304 Practical Oceanography I (Basic)**

Shore component. Introduction to the tools and techniques of the practicing oceanographer.

**SMN 305 Practical Oceanography II (Advanced)**

Sea component. Individually designed research project; operation of the vessel.

## **SENIOR SEMINARS**

Capstone Senior seminars are offered within the collegium or discipline of the student's major, focusing on the search for solutions to important issues that students are likely to confront during their lifetimes. These seminars, required for Seniors, may be considered as part of the student's major.

### **BEHAVIORAL SCIENCE COLLEGIUM**

**ECB 410 The History of Economic Thought**

For description see **Economics**.

**MNB 410 Issues in Management**

For description see **Management**.

**POB 410 The U.S. and the Vietnam Experience**

For description see **Political Science**.

**PSB 410-A History and Systems**

For B.S. psychology majors.

**PSB 410-B Senior Seminar in Psychology**

For B.A. psychology majors.

For description see **Psychology**.

**SLB 410 History of Social Thought**

For description see **Sociology**.

**CREATIVE ARTS COLLEGIUM****CRA 410 Creative Arts Senior Seminar**

(Directed Study available by academic petition)

Various aspects of creativity in the arts. Choices within limitations (such as censorship), craft, group interactions, and practical aspects of the work world.

**EDA 410 Issues, Involvement, Integrity**

For description see **Education**.

**HDA 410 Self-Esteem**

For description see **Human Development**.

**WWA 410 Writing Workshop Senior Seminar**

For description see **Creative Writing**.

**COMPARATIVE CULTURES COLLEGIUM****ANC 410 Anthropological Theory**

For description see **Anthropology**.

**CUC 410 Comparative Cultures Senior Seminar****IBC 410 Ethical Issues in World Trade**

For description see **International Business**.

**LETTERS COLLEGIUM****LTL 410 Letters Senior Seminar**

Examination from an interdisciplinary point of view of the intellectual, political, cultural and social changes in this century, and of the attempts to formulate new paradigms of knowledge.

**WGL 410 Research Seminar: Women and Gender**

For description see **Women's and Gender Studies**.

**NATURAL SCIENCES COLLEGIUM****NAN 410 Senior Seminar in the Natural Sciences**

Students will receive one course credit for participation in Junior and Senior year discipline seminars, and the joint collegium-wide seminars during the Senior year, alternating weekly between discipline and collegium-wide meetings.

**SOCIAL RELATIONS PERSPECTIVE COURSES**

Courses in this perspective are designed to provide an organized perspective on some aspect of human social behavior in order to enhance the student's ability to function as an effective, responsible and caring member of society.

**AML 306S American Myths, American Values****AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers****AML 308S Becoming Visible: Sex, Gender and American Culture**

For descriptions see **American Studies**.

**ANC 305S Culture and Personality**

For description see **Anthropology**.

**CRA 387S Jung, Myth and Lifestyles**

Interdisciplinary course combining literature, personality theory and Jungian psychology, presents to students psychological and literary theories of myth and explores how the understanding of myth gives insights into human nature.

**CSN 210S Computers and Society**

For description see **Computer Science**.

**ECB 281S Principles of Microeconomics****ECB 282S Principles of Macroeconomics****ECB 301S Leadership: the Human Side of Economics**

For descriptions see **Economics**.

**EDA/HDA 202S Human Development: Culture and Identity**

## Sociology

**EDA 387S Images of Schools in Films**  
For descriptions see **Education**.

**HDA/EDA 202S Human Development: Culture and Identity**

**HDA 269S Leisure and Lifestyles**

**HDA 386S Ethical Issues in Human Development**

For descriptions see **Human Development**.

**HIL 216S Your Family in American History**

**HIC 231S Revolutions in the Modern World**

**HIL 336S Civil Rights Movement**

For descriptions see **History**.

**LIA 267S Literature of Healing and Dying**

For description see **Literature**.

**LTL 200S American Values: Derivation, Practice and Principles**

Attend weekly ASPEC lectures, participate in colloquy with speakers and Academy members, and then meet in seminar session to conclude each lecture day's academic work. Topics will vary from semester to semester.

**MNB/PLL 242S Ethics in Management: Theory and Practice**

**MNB 275S The Sex Role Revolution in Management**

**MNB 321S Consumer Behavior and Consumerism**

For descriptions see **Management**.

**PLL 241S Ethics: Tradition and Critique**

**PLL/MNB 242S Ethics in Management: Theory and Practice**

For descriptions see **Philosophy**.

**POI 2/301S Introduction to Contemporary British Politics**

For description see **International Education, London Offerings**.

**POL 102S Introduction to American National Government and Politics**

For description see **Political Science**.

**PSB 101S Introduction to Psychology**

**PSA 383S Psychology of Consciousness**

For descriptions see **Psychology**.

**REL 201S Introduction to Religious Studies**

**REL 210S Introduction to Christian Ethics**

**REL 221S Religion in America**

For descriptions see **Religious Studies**.

**SLB 101S Introduction to Sociology**

**SLB 381S Racial and Cultural Relations**

For descriptions see **Sociology**.

**WGL 201S Introduction to Women's and Gender Studies**

For description see **Women's and Gender Studies**.

See also **Knight Reading Seminars**.

## SOCIOLOGY

Students of sociology are required to complete a core of five course requirements with a minimum of C grade in each course. **SLB 101S Introduction to Sociology** provides the foundation of theoretical perspectives, research methods, and substantive areas of investigation that are shared across the discipline.

**BEB 160M Statistical Methods** instructs students in the techniques of quantitative data analysis. In **SLB 260 Qualitative Methods** and **SLB 360 Research Design**, students develop an advanced understanding of research methodologies that includes application to real world social issues. **SLB 410 The History of Social Thought** elaborates sociological theory in an intensive examination of perspectives for explaining social behavior. In addition to the five core requirements, students select six sociology electives toward completion of the eleven courses in the major. It is also possible for the student to focus the six electives on specialization in criminal justice or social interaction.

Sociology concerns the application of scientific methodologies to the study of diverse aspects of human conduct. Theories of human behavior are tested and developed through the collection and analysis of empirical evidence. The discipline strives to provide students with perspectives and methods that may be applied to understanding a broad range of social phenomena.

**BEB 160M Statistical Methods**

For description see **Behavioral Science**

**SLB 101S Introduction to Sociology**

The study of degrees of agreement and disagreement among groups, organizations, institutions, etc., which exist in society, and what produces levels of agreement.

**SLB 135 Self and Society**

Survey of classical and contemporary analyses of relationship between human self-consciousness and socialization. Each human being is unique, but each's sense of self is shaped by others. Prerequisite: SLB 101S.

**SLB 221 Juvenile Delinquency**

Analyzing juvenile delinquency through examination of the collective nature of human behavior, the function of values and normative patterns, and social conflict over values and resources. Prerequisite: SLB 101S.

**SLB 224 Criminology**

The causes and consequences of crime, the historical transition of ideas about crime, types of crime such as street level, organized, corporate, government; the measurement of crime and criminal deterrence.

**SLB 235 Deviance**

A survey of sociological research on deviance, including suicide, nudism, alcoholism, homosexuality, mental illness, prostitution, child abuse, drug addiction and rape. Prerequisite: SLB 101S.

**SLB/MNB 251 Work and Occupations****SLB/MNB 252 Evaluation Research**

For descriptions see **Management**.

**SLB 260 Qualitative Methods**

Research practicum on the observation and analysis of human conduct and experience. Hands-on experience in field research methods and sociological inquiry. Prerequisite: SLB 101S.

**SLB 324 Introduction to Criminal Justice**

Police, courts and corrections, criminal law, public attitudes toward crime, discretionary power of police, capital punishment, adjustments after prison release.

**SLB 325 Community Field Experience**

Students choose an internship in a community serving agency such as health rehabilitation, child and family services, legal services, special education, working a minimum of ten hours a week at the agency. Prerequisites: at least Sophomore standing and permission of instructor.

**SLB 326 The Family**

Family roles such as children, men, women, spouses, parents, kin examined. Ways in which family and work life interact. Dynamic changes in American family structure, and the modern family.

**SLB 335 Social Interaction**

A seminar in the study of face-to-face behavior in public places. The nature of deference and demeanor, tension between individuality and social structure, rules governing involvement, normal appearances, and role distance. Prerequisite: BEB 160M and SLB 260.

**SLB/MNB 345 Complex Organizations**

For description see **Management**.

**SLB 360 Research Design**

The techniques and application of social science research, critical evaluation of research evidence, designing and administering a group survey project. Prerequisite: BEB 160M.

**SLB/MNB 371 Organizational Behavior and Leadership**

For description see **Management**.

**SLB 381S Racial and Cultural Relations**

How racial and ethnic identity influence one's chances for health, education, work and success. Main focus is on black/white relations since the end of slave trading. Prerequisite: SLB 101S.

## Theatre

### **SLB/MNB 405 Human Ecology**

For description see **Management**.

### **SLB 410 History of Social Thought**

Senior seminar for sociology majors. Concepts, approaches and orientations that have played a part in shaping the nature of sociology, and ideas during the 19th and 20th centuries as sociology matured.

### **SLB 435 Social Construction of Reality**

The processes whereby “society” is manufactured such that it becomes a force external to the dynamics which produced it. Primary frameworks, the anchoring of activity, legitimization, internalization, selective attention, typification. Prerequisite: SLB 135 and 260.

### **SLB/MNB 451 Technology and Society**

### **SLB/MNB 472 Organizational Dynamics**

### **SLB/MNB 482 Proctoring in Organizational Behavior**

For descriptions see **Management**.

### **KS 202P Sociology of Knowledge**

For description see **Knight Reading Seminars**.

## **SPANISH**

See **Modern Languages**.

## **STATISTICS**

### **BEB 160M Statistical Methods**

For description see **Behavioral Science**.

### **MAN 133 Statistics, an Introduction**

For description see **Mathematics**.

**Credit will be given to a student for only one of the above courses, but not both.**

## **THEATRE**

The theatre program has two important functions: to provide the serious and talented theatre student with the theoretical, historical and practical fundamentals of the field; and to serve as a cultural resource for the college and community. Therefore, anyone is encouraged to join the creative efforts on-stage and backstage, whether student, staff or townsperson.

The academic requirements for theatre majors are 14 courses in the area which will include the following core program: The Human Instrument, Basic Acting, Stagecraft, Theatre Projects (two semesters), History of Drama (two semesters), Theatre Beyond Literature, and Senior Project.

Suggested programs for performance or technical emphasis:

### **Freshmen**

The Human Instrument  
Basic Acting  
Dance I (performance)  
Stage Lighting (technical)  
Living Theatre (alternate)

### **Sophomores**

Stagecraft  
Theatre Projects  
Character and Scene Study (performance)  
Scenography (technical)

#### **Alternates:**

Improvisation  
Dance II  
Musical Theatre  
The Lively Arts in London (winter term abroad)

### **Juniors**

History of Drama I and II  
Lighting Design  
Theatre Internship  
Directing (performance or technical)

#### **Alternates:**

Choreography  
Scene Design  
Costume Design  
Seminar in Theatre

### **Seniors**

Theatre Projects  
Theatre Beyond Literature  
Ensemble Acting (performance)  
Senior Project

#### **Alternates:**

Lighting Design  
Advanced Acting  
Advanced Directing

Each student is expected to concentrate on a major creative work as a Senior project. Some time should be spent away from campus on an apprenticeship in study at a major theatre center (generally London), or on a special summer program of participation in the performance arts. The American Stage Company is based in St. Petersburg and provides professional resources for the theatre program.

Students majoring in theatre are expected to develop the following knowledge and skills:

- acting and movement skills; for majors with emphasis in performance (acting/directing), additional in-depth knowledge and skills in one area, such as dance, singing.
- technical and backstage skills; for majors with emphasis in production, additional knowledge and skill in one area, such as sound, carpentry, costuming.
- functions and responsibilities of professional theatre staff.
- knowledge of 100 plays, two-thirds classical, one-third modern, and twenty-five one act plays.
- knowledge of major Western historical periods and at least one Eastern theatre tradition.
- names of important theatrical innovators, past and present, one source reference book in each major theatrical field, major professional theatre organizations and unions, theatrical supply houses and leasing agents for plays, and good graduate schools in the area of emphasis.

A minor in theatre requires six courses, of which at least two are at the 200 level or above.

### **THA 101 The Human Instrument**

Exploration of the potentials for use of the body, voice, movement, energy, sensory awareness, mind, and psyche through a wide range of exercises.

### **THA 102A The Living Theatre**

Overview of practical and aesthetic considerations of the theatre arts, along with performance and theatre technology. Class critiques of dramatic productions on campus. Short scenes performed in class.

### **THA 161 Stagecraft**

Basic principles and procedures for constructing the stage picture. Theatre terms, use of hand and power tools, set construction, scene painting, special effects and new products.

### **THA 162 Stage Lighting**

Basic principles and procedures for electricity and stage lighting. Instruments, terminology, wiring, drawing light plots, lamps, dimmers, lighting control equipment.

### **THA 163 Basic Acting**

Development of basic tools of the actor through reading, discussion, acting exercises and scene work. Introduction to several approaches to the craft of acting: Stanislavski, Cohen, Hagen, Koch, Grotowski. THA 101 recommended.

### **THA 1/2/366 Theatre Projects**

Laboratory experience in performance and production. Completion of three units chosen from: production (lights, publicity, costumes, sound, scenery, props, makeup, management) and performance (audition repertory, touring, main-stage, studio, choreography). May be repeated for credit.

### **THA 176 Dance I**

An introduction to jazz emphasizing strength, flexibility, and development of a movement vocabulary. A study of dance history. Active technique class, with performing opportunity.

### **THA 202 Improvisation**

Introduction to basic techniques of improvisation and theatre games. Should be viewed as a "laboratory" course. Students work with techniques developed by a variety of theatrical innovators, with emphasis on controlled creativity. Permission of instructor required.

### **THA/LIL 236/7 History of Drama I, II**

For description see **Literature**.

### **THA 250 (Directed Study) Video Practicum**

For description see **THA 261A**.

## Theatre

### **THA 261A Video Practicum**

Introduction to video camera and recording equipment, basic composition of the video picture, taping live action and performance, and the capabilities of video as a medium. Students must own a video camera and secure access to editing equipment through EC-TV.

### **THA 263 Characterization and Scene Study**

Character development, concentrating on role analysis, motivation, inter-character relationships, and incorporating improvisational rehearsals techniques. Participation in campus production expected. May be repeated for credit. Prerequisite: THA 163 or permission of instructor.

### **THA 266 Theatre Projects**

For description see **THA 1/2/366**.

### **THA 267 Musical Theatre Workshop**

History and performance technique of the musical, America's unique contribution to theatrical arts. Derivation and stylistic development of the form; artistic aspects of performance through laboratory production of scenes.

### **THA 270 Scenography**

Principles for creating the entire theatre environment: scenery, lighting, and costume. Theatre as art, the scenographic process, working drawings, painting and lighting techniques.

### **THA 276 Dance II**

Study of jazz plus an introduction to dance composition. Active technique class, dance composition projects, and performing opportunity. Prerequisites: Dance I or previous experience and permission of instructor.

### **THA 303 Ensemble Theatre**

Advanced work with improvisation and group-theatre. Development of performable work through improvisation. Should be viewed as a "laboratory" course. May be repeated for credit. Permission of instructor required.

### **THA 322A Communication Arts and Persuasion**

The principles, values, forms and effects of persuasive public communication. Film and videotape examples. Experience in analysis, reasoning, evidence and organization of the persuasive speech. Not open to Freshmen.

### **THA 361 Costume Design**

The elements, design and construction of stage costuming. The designer's role, costume periods. Fabrics, sketching, rendering and research. Each student will produce three major designs. Students are expected to develop basic sewing skills.

### **THA 362 Scene Design**

Play analysis and research for creating scenic designs. Drawings, ground plans, renderings, model making. Each student will produce four major designs. Prerequisite: THA 161.

### **THA/LIA 362A Film and Literature**

For description see **Literature**.

### **THA 363 Lighting Design**

Theory and practice of various styles of stage lighting. Hanging and focusing instruments, light plots, instrument and dimmer schedules. Light boards, color media, electricity. Each student will produce four major designs. Prerequisite: THA 162.

### **THA 366 Theatre Projects**

For description see **THA 1/2/366**.

### **THA 367 Theatre Internship**

Supervised work in college, community and professional theatre companies on internship basis. May be repeated for credit. Permission of instructor required.

### **THA 372 Directing**

Study and practice of play-directing theories and techniques: analysis of play, rehearsal process, organizational procedures from script to production. Productions provide menu for Lunchbox Theatre Series. Prerequisite: THA 163 or equivalent experience.

**THA 377 Choreography**

A study of dance composition beginning with basic elements of movement and culminating in a student work. Performing opportunity. Prerequisites: Dance II, or previous experience and permission of instructor.

**THA 382A Theatre Beyond Literature**

Theatrical as opposed to purely literary values in Eastern and Western culture, and the forces that contributed to the development of various styles of presentation in each distinct historical period, with a key script from each period.

**THA 450 (Directed Study) Alternative Theatre**

Exploration of major types of non-traditional theatre forms of the past 30 years, and production techniques appropriate to those forms. Permission of instructor.

**THA 465 Special Projects in Design**

Execution of a scene, lighting or costume design for a major full-length production or series of one-act plays. Prerequisite: THA 361, 362 or 363 or permission of instructor. May be repeated for credit.

**THA 466 Advanced Acting Styles**

Greek, Roman, Medieval, Commedia, Shakespearean, Restoration, Naturalistic and Modern acting styles: movement, timing, language, rhythm. Daily scene work, research in each period, play readings, final performance in each style. Prerequisite: THA 163 or consent of instructor.

**THA 467 Projects in Acting**

Performance of a major role in a full length play, or of several smaller roles, accompanied by an in-depth study of various tactics for characterization, applicable to the role in question. May be repeated for credit. Prerequisite: THA 266, or permission of instructor.

**THA 473 Advanced Directing**

Develop a personal directing style to meet the requirements of a given script, whether period or modern piece. Each director prepares at least two examples for an audience. Critique discussions. Prerequisite: THA 372.

**THA 499 Senior Project**

Theatre majors are required to submit, in the second semester of the Junior year, a proposal for a project in their area of emphasis. The project, to be completed in the Senior year, is a synthesis of the student's academic and practical experience, and an opportunity to demonstrate knowledge and evaluate the final project. Some possible choices are acting, directing, design and playwriting. A three-member faculty committee evaluates the final project.

**CRA 201A Triartistic Aesthetics or Understanding the Arts**

For description see **Aesthetic Perspective Courses**.

**VISUAL ARTS**

See **Art**.

**WESTERN HERITAGE****WHF 181 Western Heritage I**

The first course in general education introduces values through the study of the Sumerian, Greek, Roman and Medieval worlds, using masterworks of Western civilization.

**WHF 182 Western Heritage II**

Exploring the Renaissance, the Enlightenment, the 19th and 20th centuries, through literature, the arts, scientific accomplishments, and other major intellectual endeavors.

**WHF/CUC 183C U.S. Area Studies**

Open to international students only. A contemporary view of the U.S. and a limited survey of its past, size and diversity. Required for all degree-seeking international students.

**WHF 184 Western Heritage (Honors)**

The Freshman course for students in the Honors Program. Students meet weekly for the academic year and are awarded a course credit. Admission is by application to the Honors Program Director.

## Women's and Gender Studies

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### WINTER TERM PROJECTS

Descriptions of winter term projects are published in a separate brochure.

### WOMEN'S AND GENDER STUDIES

Women's and gender studies is an interdisciplinary major exploring the creation, meaning and perpetuation of gender in human societies, both past and present. It is also an inquiry into women's material, cultural and economic production, their collective undertakings and self-descriptions. The women's and gender studies major seeks to provide opportunities for:

- acquiring breadth of learning and integrating knowledge across academic disciplines.
- developing an understanding and respect for the integrity of self and others.
- learning to communicate effectively.
- developing the knowledge, abilities, appreciation and motivations which are liberating men and women.
- serious encounters with the values dimensions of individual growth and social interaction.

Majors develop integrative skill competencies in bibliographic instruction, writing excellence, close reading of texts, creative problem solving, small group communication, oral communication, and expressive awareness.

Students majoring in women's and gender studies take a minimum of ten courses including WGL 201S and WGL 410 and eight additional courses in three disciplines in consultation with their Mentors. Five of these courses must be at the 300 level or above. Majors must successfully pass a Senior comprehensive examination or, if invited by the faculty, write a Senior thesis.

For a minor in women's and gender studies, students take five courses including WGL 201S and WGL 410. Three of the five courses must be at the 300 level or above. **WGL 410 does not replace the collegial or discipline Senior Seminar for students who are minoring in women's and gender studies.**

### WGL 201S Introduction to Women's and Gender Studies

Issues involved in the social and historical construction of gender and gender roles from an interdisciplinary perspective. Human gender differences, male and female sexualities, relationship between gender, race and class.

### WGL 410 Research Seminar: Women and Gender

Senior Seminar designed to integrate the interdisciplinary work of the major. Students work in collaborative research groups to read and critique each others work and produce a presentation that reflects interdisciplinary views on a women/gender issue. Focus on methodologies of the various disciplines and on research methods.

Descriptions of the following courses in the major are found in the disciplinary listings:

#### AMERICAN STUDIES

**AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers**

**AML 308S Becoming Visible: Sex, Gender and American Culture**

#### ANTHROPOLOGY

**ANC 208 Human Sexuality**

#### FRENCH

**FRC 404 Themes in French Literature**

#### HISTORY

**HIL 321 Women in Modern America: The Hand that Cradles the Rock**

**HIL 323 From the Flapper to Rosie the Riveter: History of Women in the U.S. 1920-45**

#### HUMAN DEVELOPMENT

**HDA 204 Socialization: A Study of Gender Issues**

**HDA 209 Childhood Roles and Family Systems**

#### LITERATURE

**LIL 305A Woman as Metaphor**

**LIL 312 Literature by Women**

**LIA 380A Images of the Goddess**

**LIL 441 Twentieth Century Literary Theory**

**PHILOSOPHY**

**PLL 241S Ethics: Tradition and Critique**

**PLL 244 Social and Political Philosophy**

**PLL 312 American Philosophy**

**PLL 331/2 Philosophy of Gender**

**PLL 342 20th Century Philosophical Movements**

**PLL 403 Contemporary Philosophical Methodology: Feminist Theory**

**PSYCHOLOGY**

**PSB 202 Psychology of Childhood and Adolescence**

**PSB 203 Psychology of Adulthood and Aging**

**RELIGIOUS STUDIES**

**REL 205 Varieties of Biblical Interpretation**

**REL 329 Liberation Theology**

**REL 441 New Testament Perspectives on Contemporary Issues**

**REL 361 Contemporary Christian Thought**

**SOCIOLOGY**

**SLB 326 The Family**

The following courses are currently being developed: Gender and Economics, The Gendered Critique of Rhetoric, Women in Cross Cultural Perspectives, Spanish Women Writers.

**WRITING WORKSHOP**

See Creative Writing.



# AUTUMN TERM PROJECTS FOR FRESHMEN

## FOUNDATIONS COLLEGIUM

Autumn term is a three-week introduction to college life for Freshmen, consisting of one academic project, plus orientation, testing, and registration. New students choose from among fifteen or more courses offered by the professors who thus become their Mentors (advisers) and their Western Heritage instructors for the Freshman year. Typical autumn term offerings in recent years have included Women and Fiction, Food in History, Geology of Beaches, The Computer: Slave or Master, Health Psychology, and The Sociology of Sex Roles. See the autumn term brochure available from Foundations or Admissions.

### FDF 1 Living in the USA (especially for international students)

Introduction to living in the U.S. and Florida, analyzing everyday problems, college living, comparative customs, systems, attitudes, American literature, health care, legal matters, sports, working, education, religion, politics, improving language skills. Resource people, field trips. Daily journal, analytical papers, final project reflecting autumn term experiences.

# WINTER TERM PROJECTS

Winter term provides the opportunity for study concentrated on a single topic. Neither regular semester nor directed study courses are taken as winter term projects. Off-campus independent study projects may be taken only by students above Freshman standing for whom the off-campus location is essential to the nature of the project itself.

Descriptions of winter term projects are published in a separate brochure, available about June 1 of each year. The winter term brochure contains complete information on registration and other procedures related to winter term. Additions and corrections to the winter term projects listing are published early in the fall semester.

As an indication of the range of educational opportunities available through Eckerd College during the winter term, the following is a list of project titles offered in the past.

**On Campus:** Theatre Production; Music in the Twenty-First Century; Subcultures and

Deviance; Psychology and Medicine; Operation Enterprise (American Management Association); Management in the Year 2000; Human Ecology; The Energy Problem: Now and the Future; The Economics of Public Issues; Speaking Russian; Developing Expository Writing; The South in American History; The Art of Biography; The New Religions; Perspectives on Violence; Florida's Exotic Plant Life; The Basics of Color Photography; Mathematical Modeling; Computer Project; Chemistry, The Environment and the Future.

**Off-Campus:** Greece: The Birthplace of Civilization; The Lively Arts in London; Paris: A Cultural and Linguistic Perspective; Geology: Geophysics of Volcanoes in Hawaii; International Banking in the Caribbean (Cayman Islands); The Dry Tortugas Expedition on the Brig Unicorn; The Art and Architecture of Renaissance Florence and Venice; Mexico: Language and/or Culture; Shapes of the Land of Enchantment (New Mexico).



## CAMPUS AND STUDENT LIFE

At Eckerd, learning and standards are not viewed as restricted to the classroom. The college cherishes the freedom that students experience in the college community and in the choices they make concerning their own personal growth. At the same time, each student, as a member of a Christian community of learners, is expected to contribute to this community and to accept and live by its values and standards: commitment to truth and excellence; devotion to knowledge and understanding; sensitivity to the rights and needs of others; belief in the inherent worth of all human beings and respect for human differences; contempt for dishonesty, prejudice and destructiveness. Just as Eckerd intends that its students shall

be **competent givers** throughout their lives, it expects that **giving** shall be the hallmark of behavior and relationships in college life. Just as Eckerd seeks to provide each student with opportunities for learning and excellence, each student is expected to play a significant part in the vitality and integrity of the college community.

As an expression of willingness to abide by these standards every student upon entering Eckerd College is expected to sign a promise to uphold the statement of **Shared Commitment** that guides student life on campus. For a full description of the **Shared Commitment**, see page 4.

## THE CITY

St. Petersburg is a vibrant city in its own right, and St. Petersburg, Tampa, and Clearwater together form a metropolitan area of over one million people with all the services and cultural facilities of any area this size.

St. Petersburg and nearby cities offer art museums, symphony orchestras, and professional theatre, in addition to road show engagements of Broadway plays, rock concerts, circuses, ice shows, and other attractions for a full range of entertainment.

The St. Louis Cardinals baseball team maintains headquarters in St. Petersburg for spring training, and there are major golf and tennis tournaments in the area. Professional football fans can follow the Tampa Bay Buccaneers, and professional soccer fans, the Tampa Bay Rowdies.

Southern Ocean Racing Conference sailing races are held every year, as well as many regattas for sail and power boats. Fine public beaches on the Gulf of Mexico are within bicycling distance of the Eckerd College campus, as are public golf courses.

St. Petersburg has a pleasant semi-tropical climate with a normal average temperature of 73.5 degree F. and annual rainfall of 51.2 inches.

## THE CAMPUS

Situated in a suburban area at the southwest tip of the peninsula on which St. Petersburg is located, Eckerd's campus is large and uncrowded — 267 acres with over 1 1/4 miles of waterfront on Boca Ciega Bay and Frenchman's Creek. There are three small lakes on the campus, and the chapel is on an island in one of them. The 66 air-conditioned buildings were planned to provide a comfortable environment for learning in the Florida climate. Professors and students frequently forsake their classrooms and gather outdoors in the sunshine or under a pine tree's shade. Outdoor activities are possible all year; cooler days during the winter are not usually severe.

## RESIDENTIAL LIFE

Eckerd College has eight residential complexes, each consisting of four houses that accommodate 34-36 students. Most of the student residences overlook the water. Each house has a student Resident Adviser who is available for basic academic or personal counseling and is

generally responsible for the house operation. Residence houses are self-governed.

## STUDENT GOVERNMENT

Activities, projects, and programs developed and financed in the student sector are managed by the Eckerd College Organization of Students (ECOS), whose membership consists of all matriculating students, full and part-time, at Eckerd. Each year, ECOS is responsible for the allocation of student fees for co-curricular activities.

## STUDENT ACTIVITIES

Eckerd believes that student life should be as full and rich as possible, both inside and outside of the classroom. We provide a broad range of campus activities — and if you cannot find something that suits your interests, we encourage you to start a new group of your own. Your free time can be as interesting and rewarding as you want to make it.

## BROWN HALL COLLEGE CENTER

The College Center serves as the hub for recreational and social activities. The facilities include a snack bar, gameroom, conversation lounge, seven foot television, and Pub. The College Center provides the opportunity for student directed programs and committees to develop activities and services for the Eckerd community.

## ENTERTAINMENT AND CULTURAL ACTIVITIES

The College Program Series, jointly planned by students, faculty and administration, is designed to enhance the intellectual, religious and cultural life of the college community through bringing well known scholars, artists and distinguished Americans to the campus each semester.

The Student Activities Board sponsors movies, coffee house programs, dances, and concerts featuring local and nationally known artists, and is a co-sponsor of the annual Black Symposium and Black History week.

The music, art, and theatre disciplines sponsor a number of events throughout the year. There are student and faculty recitals, programs from the concert choir and chamber ensemble,

exhibitions by student and faculty artists, dance performances, and a series of plays produced by the theatre workshops.

## STUDENT PUBLICATIONS

Publications are funded by the Student Association and fully controlled by the students themselves. Student media include the *Triton Tribune*, the student newspaper, WECR, the campus radio station, EC-TV, the campus television station; *The Siren*, a literary magazine featuring artwork, prose, and poetry by members of the entire campus community; *The EC-Book*, the student handbook, and a year book.

## ORGANIZATIONS AND CLUBS

If there is enough student interest to form a club, one may easily be chartered. Organizations which have been student-initiated include the Afro-American Society, Biology Club, Circle K, College Bowl Society, International Students, Pre-Law Club, Big Brothers/Big Sisters, the Triton Sailing, Waterskiing and Boardsailing Teams, and Athletic Boosters.

## RELIGIOUS LIFE

The College Chaplain directs the Campus Ministry Program, a joint effort of students, faculty and staff. The program provides religious activities in a Christian context and assists individuals and groups of other religious persuasions to arrange their own activities. Worship services, special speakers and emphasis weeks, small group studies, service projects and fellowship activities are provided through the program. The Chaplain serves as minister to students, faculty and staff, is available for counseling or consultation, and works closely with the Student Affairs staff to enhance the quality of campus life.

Regardless of your background, you are encouraged to explore matters of faith and commitment as an integral part of your educational experience. We believe that personal growth and community life are significantly strengthened by encounter with the claims of the Christian faith and the values of the Judaeo-Christian tradition.

## WATERFRONT PROGRAM

Eckerd's Waterfront Program, one of the largest collegiate watersports programs in the southeastern U.S., is one of the most exciting recreational opportunities on the campus. The facilities, located on Frenchman's Creek, include a new Waterfront Activities Center which houses offices, classrooms, a communication center, restrooms, and gear storage rooms. Additional facilities include boathouse, support buildings, docks, ramp, maintenance hoist, fishing, snorkeling, and competitive waterskiing equipment, a fleet of sailboats, canoes, sailboards, and a Correct Craft Ski Nautique. If you own a boat, you can arrange to store or dock it here.

A unique feature of the Eckerd Waterfront is the community member's ability to use the facilities without membership in a formal club or organization. There are, however, many clubs and teams sponsored by the Waterfront for those interested. The Triton Sailing Team sails in sloop and single-hand competitions against schools from North Carolina through Florida in SAISA (the South Atlantic Inter-collegiate Sailing Association), while the Triton Boardsailing Team competes in regattas both in and out of the collegiate circuit. Members of the Triton Waterski Team compete in trick, slalom, and jump events against schools throughout the Southern Conference.

One of the Waterfront's unique student organizations is Eckerd College Search and Rescue (EC-SAR) which is a highly trained group of students and alumni who provide maritime search and rescue services to the Tampa Bay boating community. Working closely with the U.S. Coast Guard and many local and state agencies, members give a high level of dedication, skill and commitment to public service and have received many national and local awards and commendations.

Waterfront classes are offered throughout the school year. Sailing classes are taught at all levels on both small sloops and larger sailboats. Normal class offerings include beginning and intermediate sailing, boardsailing, and scuba diving which is arranged through an area dive shop. Informal dockside instruction is offered during the afternoons by waterfront staff and volunteers.

## COUNSELING SERVICES

There will be times during your college career when you will want advice. For academic advice the place to start is with your Mentor or with any of your professors. You are welcome to seek the counsel of any administrator in Student Affairs or elsewhere. The Counseling Center provides both individual and group counseling for students who are experiencing personal problems or would like to improve their level of personal well-being. Counseling may provide support for individual growth, improving skills in handling relationships, and exploring stress management techniques. The Counseling Center is staffed with two part-time psychologists capable of skilled listening, understanding and assistance. For further clarification of counseling services, please refer to *The EC-Book*.

## HEALTH SERVICES

Eckerd's medical service is a member of the American College Health Association and directed by a physician who is at the Health Center two hours every Monday through Friday. A registered nurse is on duty 8 a.m. to 10:30 p.m.,

Monday through Friday. Students in need of treatment after these hours contact their Resident Advisers or Campus Security for assistance, or go directly to a hospital emergency room, or call 911 if emergency care is needed. Medicine may be charged to the student's account. The college notifies parents when community hospitalization is necessary, with the consent of the student.

All students must file an official health form as part of the admissions procedure. Treatment in the Health Center may not be available until this form is received. All students must have health insurance coverage in order to be enrolled in the college. They must either show proof of insurance or sign up for the student insurance plan available to them through the college for a fee.

More detailed information about health services programs is available in the Health Center.





## MINORITY STUDENTS

As evidence of its active commitment to recruit and encourage minority students, Eckerd supports a number of programs in this field. Visits to the campus give minority students who are considering Eckerd College a chance to view the college, visit the faculty, live in the residence halls, and talk with other students.

The Afro-American Society helps plan a full range of programs for its members and the campus community, including Black History Month. The office of Minority Student Affairs is available to provide assistance for any special needs of minority students.

## DAY STUDENTS

Students who are married, are over 22 years of age, or who live with their family are provided with campus post office boxes to receive communications. Opportunities for participation in campus sports, activities, cultural events, and student government (ECOS), are available to day students and are coordinated and communicated by the Day Student Program. All cars, motorcycles, and bicycles are registered by the Campus Security staff.

## ATHLETICS FOR MEN AND WOMEN

Eckerd College is a member of the National Collegiate Athletic Association. Men play a full intercollegiate schedule in baseball, basketball, cross country, golf, soccer and tennis. Women's intercollegiate sports include basketball, cross country, golf, softball, tennis and volleyball. Cross country and golf are co-educational sports. The college is a member of the Sunshine State Conference, and both men and women play NCAA Division II competition.

Intramural sports are organized as competition among houses. Day students compete with house teams. All students are eligible to participate in the wide range of intramural activities, which include football, softball, soccer, volleyball, basketball, tennis, billiards, table tennis, street hockey, bowling and chess. In addition, sports clubs may be organized around swimming, sailing and canoeing. The McArthur Physical Education Center houses locker rooms, Physical Education faculty offices, two basketball courts, a weight room, four badminton courts, and three volleyball courts, a swimming pool, and areas of open space where you can practice your golf swing. An exercise-fitness course winds through the campus.

# ADMISSION

Eckerd College seeks academically qualified students of various backgrounds, national and ethnic origins. Further, we seek students who show promise for making positive contributions to members of the Eckerd College community. When you apply, we will look at your academic performance in liberal arts courses (mathematics, science, social studies, English, foreign languages, creative arts). We will also consider your performance on the college entrance examinations (ACT or SAT). Students whose native language is not English can choose to replace the ACT or SAT with the TOEFL examination. Achievement tests are not required but are highly recommended. Your potential for personal and academic development is important and in this respect we will look closely at your personal essay, record of activities and recommendations from your counselors or teachers. Admissions decisions are made on a rolling basis beginning in October and continuing through the academic year for the following fall. Students considering mid-year admission for either winter term (January) or spring semester (February) are advised to complete application procedures by **December 1**. Applicants for fall entry should complete procedures by **April 1**.

## FRESHMAN ADMISSION

High school Juniors and Seniors considering Eckerd College should have taken a college preparatory curriculum. Our preference is for students who have taken four units of English, three or more units each of mathematics, sciences and social studies, and at least two units of a foreign language. Although no single criterion is used as a determinant for acceptance and we have no automatic "cutoff" points, the great majority of students who gain admission to Eckerd College have a high school average of B or better in their college preparatory courses and have scored in the top 25 percent of college-bound students taking the ACT or SAT.

## APPLICATION PROCEDURES FOR FRESHMEN

1. Request application forms in Junior year or early in Senior year from Dean of Admissions.
2. Complete and return your application to the Dean of Admissions, with an application fee of \$25 (non-refundable) at least two months prior to the desired entrance date. Students who are financially unable to pay the \$25 application fee will have the fee waived upon request. Eckerd College accepts the Common Application in lieu of its own form and gives equal consideration to both.
3. Request the guidance department of the secondary school from which you will be graduated to send an academic transcript and personal recommendation to: Dean of Admissions, Eckerd College, 4200 - 54th Avenue South, St. Petersburg, Florida 33711.
4. Arrange to take the Scholastic Aptitude Test, offered by the College Entrance Examination Board or the ACT Test Battery, offered by the American College Testing Program. Take your test in spring of Junior year or early fall of Senior year.

## TRANSFER ADMISSION

Eckerd College welcomes students from other colleges, universities, junior and community colleges that have earned full regional accreditation. Applicants are expected to be in good standing at the institution last attended and eligible to return to that institution.

## APPLICATION PROCEDURES FOR TRANSFER ADMISSION

1. Complete and return application form to the Dean of Admissions with an application fee of \$25 (non-refundable) at least two months prior to the desired entrance date (see calendar for various entry points).
2. Request that official college transcripts be sent to us from every college or university you have attended.
3. Send us a record of college entrance exams (SAT or ACT). This may be waived upon request for students who have completed at least one year of college work.

4. Request a letter of recommendation from one of your college professors.
5. If you have been out of high school for less than two years, we will need a copy of your high school transcript.

## **EVALUATION AND AWARDING OF TRANSFER CREDIT**

After you have been accepted for admission your transcript will be forwarded to the college Registrar for credit evaluation.

With regard to the transfer of credits from other regionally accredited institutions, it is the policy of Eckerd College to:

1. Award block two-year credit to students who have earned an Associate of Arts degree with a cumulative grade point average of at least 2.0; or
2. Accept, for transfer students without Associate of Arts degrees, only those appropriate courses in which grades of C or higher were earned. Transfer credits will be awarded for courses with comparable titles, descriptions, and contents to Eckerd College courses.
3. Accept a maximum of 63 semester hours of transfer credit since the last two academic years of study for an Eckerd College degree must be completed at Eckerd.

Therefore, all transfer students to Eckerd College will have cumulative grade point averages of at least 2.0 in courses accepted from other institutions toward an Eckerd College degree. This policy statement covers practices in both the residential college and the PEL program.

Applicants who have earned credits more than five years ago, or whose earlier academic records are unavailable or unusual are requested to direct special inquiry to the Admissions Office.

## **PROCEDURES AFTER ACCEPTANCE**

All students who have been accepted for admission are asked to deposit a \$100 acceptance fee, within thirty days of acceptance **or** within thirty days of a financial aid award. This fee is refundable until **May 1** for fall applicants, but is not refundable for mid-year applicants. Students who are accepted after

**November 15** for mid-year entry or after **April 15** for fall entry will be expected to reply within fifteen days of acceptance with a \$100 non-refundable fee. The acceptance fee is applied toward tuition costs and credited to the student's account.

A Student Information Form and a Health Form are sent to all accepted students. The Student Information Form should be returned within two weeks of acceptance or should accompany the acceptance fee. This form enables us to begin planning for needs of the entering class of residential and commuting students.

The Health Form should be completed by your personal physician and forwarded to the Admissions office prior to the enrollment date.

## **EQUIVALENCY CERTIFICATES**

Students who have not completed a high school program but who have taken the General Education Development (GED) examinations may be considered for admission. In addition to submitting GED test scores, students will also need to supply ACT or SAT test results.

## **ADMISSIONS INTERVIEW**

Students considering Eckerd College are strongly urged to visit the campus and have an interview with an admissions counselor. We also encourage you to visit a class and meet students and faculty members. An interview is not a required procedure for admission but is always a most beneficial step for you the student, as well as for those of us who evaluate your candidacy.

## **EARLY ADMISSION**

Eckerd College admits a few outstanding students who wish to enter college directly after their Junior year in high school. In addition to regular application procedures outlined above, early admission candidates must submit a personal letter explaining reasons for early admission; request two letters of recommendation from an English and a mathematics teacher; and come to campus for an interview with an admissions counselor.

## DEFERRED ADMISSION

A student who has been accepted for admission for a given term may request to defer enrollment for up to one year. Requests should be addressed to the Dean of Admissions.

## ADVANCED PLACEMENT

Eckerd College awards course credit on the basis of scores on the Advanced Placement examinations administered by the College Entrance Examination Board. Students who have obtained scores of **four** or **five** will automatically be awarded credit. Scores of **three** are recorded on the student's permanent transcript and are referred to the faculty of the appropriate discipline for recommendations concerning credit. Applicants who seek advanced placement should have examination results sent to the Dean of Admissions.

## COLLEGE LEVEL EXAMINATION PROGRAM

Course credit will also be awarded on the basis of scores received on the College Level Examination Program (CLEP). Credit is awarded only for the following:

EXAMINATION	SCALED SCORE FOR MAXIMUM AWARDING SEMESTER CREDIT	CREDIT
American Government	55	3.5 hours
American History I	55	3.5 hours
American History II	55	3.5 hours
Calculus	55	7.0 hours
College Algebra	55	3.5 hours
College Algebra-Trigonometry	55	3.5 hours
Educational Psychology	55	3.5 hours
French	55	7.0 hours
General Biology	55	7.0 hours
General Chemistry	55	7.0 hours
General Psychology	55	3.5 hours
German	55	7.0 hours
Human Growth and Development	55	3.5 hours
Introductory Accounting	55	3.5 hours
Introductory Macroeconomics	55	3.5 hours
Introductory Microeconomics	55	3.5 hours
Introductory Marketing	55	3.5 hours
Introductory Sociology	55	3.5 hours
Spanish	55	7.0 hours
Trigonometry	55	3.5 hours
Western Civilization I	55	3.5 hours
Western Civilization II	55	3.5 hours

International students may not use CLEP to receive college credit for elementary or intermediate foreign language in their native tongue. CLEP results should be sent to the Dean of Admissions.

## INTERNATIONAL BACCALAUREATE PROGRAM

Eckerd College will confer Sophomore standing to students who have completed the full International Baccalaureate and who have earned grades of 5 or better in their three Higher Level subjects. IB students who do not earn the full Diploma may receive credit for Higher Level subjects in which grades of 5 or better were earned in the examinations.

## INTERNATIONAL STUDENT ADMISSION

Eckerd College enrolls students from more than fifty countries. Some are native speakers of English; many are not. In all cases, the Admissions and Scholarship Committee gives special attention to the evaluation of students who have completed their secondary education abroad. Candidates whose native language is not English should submit the TOEFL scores in lieu of SAT or ACT scores. Ordinarily, international students will not be admitted unless they score a minimum of 550 on the TOEFL exam and/or complete level 109 instruction in the ELS Language Center program.



## APPLICATION PROCEDURE FOR INTERNATIONAL STUDENTS

1. Complete and return the application form with an application fee of \$25 (non-refundable) at least three months prior to the desired entrance date.
2. Request that official secondary school records be sent to us. We will need to receive an explanation of the grading system.
3. Transfer applicants should submit official university records with an explanation of the grading system.
4. Results of the Test of English as a Foreign Language (TOEFL) for non-native students of English should be submitted. Others are urged to take SAT or ACT.
5. Complete a certified statement of financial responsibility indicating that adequate funds are available to cover educational costs.

## INTERNATIONAL DIPLOMAS

The following international diplomas are accepted for consideration of admission with advanced standing:

**The General Certificate of Education of the British Commonwealth.** Students with successful scores in "A" level examinations may be considered for advanced placement.

**The International Baccalaureate Diploma** may qualify a candidate for placement as a Sophomore.

## READMISSION OF STUDENTS

If you have previously enrolled at Eckerd College and wish to return you should write or call the Dean of Students office. It will not be necessary for you to go through admission procedures again. However, if you have been enrolled at another college or university you will need to submit a transcript of courses taken there.

To apply for readmission after dismissal, a student should write to the Dean of Students, who shall obtain the approval of the Dean of Faculty as chair of the Academic Review Committee before authorizing readmission.

## FINANCIAL AID

All students accepted for admission to Eckerd College who are U.S. citizens or permanent residents are eligible to receive aid if they demonstrate financial need. For institutional awards priority is given on the basis of grades, test scores, recommendations, and special talents. Most students receive an "aid package" consisting of scholarship, grant, loan, and campus employment. In many cases, the financial aid package offered to a student may reduce out-of-pocket tuition payment to less than would be paid at a state college or university. Eckerd College makes every effort to help a student develop financial plans that will make attendance possible.

## APPLICATION PROCEDURES FOR FINANCIAL AID

Decisions regarding financial assistance can be made upon admission to the college, and receipt of the necessary financial aid credentials: Financial Aid Form (FAF) of the College Scholarship Service or the Family Financial Statement (FFS) of the American College Testing Service.

Transfer students must submit a Financial Aid Transcript from each prior school regardless of whether aid was received. The forms may be obtained from the Eckerd College Financial Aid office and must be returned before an award may be released.

Any student who has resided in Florida for 12 consecutive months should complete and file an application for a Florida Student Assistance Grant. Application is made through the submission of the FFS or FAF by answering the appropriate Florida questions.

Many of the sources of financial aid administered by Eckerd College are controlled by governmental agencies external to the college. Examples of programs of this type are Pell Grants, Supplemental Educational Opportunity Grants (SEOG), Florida Student Assistance Grants (FSAG), Florida Tuition Voucher, Stafford Loans, (formerly Guaranteed Student Loans), Perkins Loans (formerly National Direct Student Loans), and the College Work Study Program (CWSP). To receive a current pamphlet concerning these programs, write or contact the Office of Financial Aid, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711.

To be considered for any financial aid through Eckerd College, whether the merit awards listed in this catalog or any need-based assistance from the college or federal and state governments, it is necessary that you submit an American College Testing Family Financial Statement (FFS) or the College Scholarship Service Financial Aid Form (FAF). These forms are available in the guidance department of the school you are currently attending. It is important to mail the FFS or FAF by **March 1**. Indicate on the form that a copy of the analysis be sent to Eckerd College, check the appropriate box for FSAG, and include the fee as indicated.

## APPLICATION PROCEDURES FOR FINANCIAL AID FOLLOWING READMISSION

When you apply to Eckerd College for readmission after a period of time away from the college, you should contact the Financial Aid office to determine your eligibility for all financial aid programs.

If you previously received financial assistance at Eckerd College or plan to apply for financial aid prior to readmission, you will need to complete the following steps:

1. Obtain a Financial Aid Transcript from the Financial Aid office of each college you have attended since leaving Eckerd College.
2. Ensure that your obligations for Stafford Loan or Perkins Loan payments are being met. If you leave Eckerd College for one semester, your six month grace period will likely expire. Thereafter, you will have loan payments due which must be paid before receiving assistance again on readmission.
3. You must enroll as a full-time student to apply for a deferment (postponement) of your student loan payments. During the months you are not enrolled full time, including summer, loan payments may become due.
4. Obtain deferment form(s) from your lender(s) to submit to the Registrar at Eckerd College. The Registrar will verify your enrollment status to your lender(s). Deferment forms must be requested and submitted at least annually.
5. All prior debts to Eckerd College must be satisfied before any financial assistance may be released.

## FINANCIAL AID STANDARDS OF SATISFACTORY PROGRESS

Most financial aid programs require specific academic achievements for renewal as follows:

### 1. Institutional

#### 2.0 Cumulative GPA:

Church and Campus Scholarship  
Eckerd College Grant  
Faculty Tuition Remission  
Ministerial Courtesy  
Special Talent

#### 3.0 Cumulative GPA:

Eckerd College Honors  
National Merit Special Honors  
Thomas Presidential Scholarship  
Selby Scholarship

### 2. Florida Programs

- a. Florida Undergraduate Scholars: 3.2 Cum. GPA and 24 semester hours per year; up to nine semesters.
- b. Florida College Career Work Experience Program: 2.0 Cum. GPA.
- c. Florida Student Assistance Grant: 2.0 Cum. GPA and 24 semester hours per year; up to nine semesters.
- d. Florida Tuition Voucher: 2.0 Cum. GPA; and 24 semester hours per year; up to nine semesters.
- e. Florida Critical Teacher Shortage Scholarship Loan (for students planning to become elementary and secondary school teachers): 2.0 Cum. GPA and 24 semester hours per year; up to four semesters.
- f. Florida "Chappie" James Teacher Scholarship Program (for students planning to become elementary and secondary teachers): 2.5 Cum. GPA and 24 semester hours per year; up to eight semester hours.
- g. Paul Douglas Teacher Scholarship Program: 3.0 Cum. GPA.
- h. Florida Challenger Astronauts Memorial Undergraduate Scholarship Program: 2.8 Cum. GPA and 24 semester hours per year.
- i. Florida Vocational Gold Seal Endorsement Program: 3.2 Cum. GPA and 24 semester hours per year.

### **3. Federal Programs**

Students who receive any Federal Title IV aid for the first time after July 1, 1987 must maintain a cumulative GPA at the end of the second and third academic years at Eckerd College that is consistent with requirements for graduation.

Federal Title IV aid programs to which these standards apply include: Pell Grants, Supplemental Educational Opportunity Grants (SEOG), College Work-Study (CWS) Perkins Loans (formerly National Direct Student Loans), Stafford Loans (formerly Guaranteed Student Loans), PLUS Loans, Supplemental Loans for Students (SLS).

In addition, all financial aid recipients must abide by Eckerd College's satisfactory academic progress standards to continue receiving assistance. If you are placed on probation by the Academic Review Committee you will automatically be placed on financial aid probation, but may continue receiving assistance. If you are dismissed by the Academic Review Committee, you may no longer receive assistance. Guidelines concerning probation, dismissal and reinstatement are outlined in this catalog in the section entitled "Standards of Satisfactory Academic Progress." Appeals to financial aid probation and dismissal may be addressed to the Financial Aid Appeals Committee which will act in consultation with the Academic Review Committee.

## **ECKERD COLLEGE SCHOLARSHIP PROGRAMS**

### **PRESIDENTIAL SCHOLARSHIPS**

The Presidential Scholarships are a recognition of outstanding merit without regard to financial need. Each year twenty-five Freshmen are selected to receive scholarships ranging from \$6,000 - \$8,000 per year. The scholarships are renewable for a total of four years if the student maintains a 3.0 grade point average. Selection criteria for this award include academic achievement, creative talent and character. Application deadline is **February 15**. A separate application is required and is available on request.

### **SPECIAL HONORS SCHOLARSHIPS**

The Special Honors Scholarship Program provides fifteen full tuition awards to entering Freshmen who are finalists and semifinalists in the National Merit, National Achievement, and National Hispanic Scholarship Programs. The value of this award is in excess of \$13,500 per year, and in excess of \$54,000 for four years if the student maintains a 3.0 grade point average. A student designated a semifinalist in one of these programs should make application for admission to Eckerd College no later than **February 15**.

### **HONORS SCHOLARSHIPS**

The Honors Scholarships seek to recognize outstanding applicants for admission (Freshmen and transfers). Scholarship finalists will be selected from among all applicants for admission without regard to financial need. A student receiving an Honors Scholarship may receive up to \$5,000 yearly. The scholarship is renewable if the student maintains a 3.0 grade point average. No separate application is required; however, for priority consideration students should apply for admission no later than **March 1**.

### **SPECIAL TALENT SCHOLARSHIPS**

The Special Talent Scholarships provide recognition and encouragement to students who have excelled in a particular area of endeavor. All students accepted for admission are eligible to compete for these scholarships. Awards will be made on the basis of outstanding talent or achievement in any of the following areas:

1. Achievement in math, science, English, social studies, behavioral sciences, foreign languages or any specific area of academic pursuit.
2. Special talent in the creative arts — music, theatre, art, writing, etc.
3. Special achievement in international education, including participation in AFS, YFU, or Rotary student exchange programs.
4. Demonstrated leadership and service in student, community or church organizations.
5. Special talent in men's or women's athletic competition.

Special Talent Scholarship winners may receive up to \$5,000 yearly. The scholarship is renewable for students with a 2.0 cumulative grade point average following formal recommendation by those qualified to evaluate the appropriate special talent. No separate application is required but for priority consideration students should apply for admission prior to **March 1** and submit the following:

1. Financial Aid Form (FAF), or Family Financial Statement (FFS).
2. Letter of recommendation from teacher, adviser or coach directly involved in student's achievement area.
3. Additional materials the student wishes to submit in support of his or her credentials.

## CHURCH AND CAMPUS SCHOLARSHIPS

The Church and Campus Scholarships are a recognition of merit for fifty new Presbyterian students each year who have been recommended by their pastor and possess traits of character, leadership and academic ability which in the pastor's opinion demonstrate the promise to become outstanding Christian citizens -- either as a lay person or a minister. Students recommended by their pastor who become recipients of a Church and Campus Scholarship will receive a grant up to \$2,400 to be used during the Freshman year. The award is renewable annually on the basis of demonstrated academic, leadership and service achievement, and a cumulative grade point average of at least 2.0. This award is not based on financial need. Scholarship winners may apply for supplemental financial aid. More scholarship details and nomination forms are available on request.

## ENDOWED SCHOLARSHIPS

Endowed scholarship funds have been established by the gifts of those listed below or by the gifts of others in their honor.

**Suzanne Armacost Memorial Scholarship**, established in 1991, awarded on the basis of merit to outstanding students who have demonstrated traits of being a competent giver.

**Arts Scholarship**, established in 1985 by an anonymous friend of the college to assist students majoring in the visual arts.

**Margaret S. and Walter D. Bach Memorial Fund**, established in 1984, awarded annually to outstanding Florida students from Escambia, Santa Rosa, Okaloosa or Walton counties.

**Barnett Bank**, established in 1988, awarded annually to students with financial need majoring in business or a related program with an interest in banking.

**William B. Blackburn Honor**, established in 1989, awarded annually to Freshmen women of academic distinction who plan to major in business.

**Charles Bradshaw**, established in 1982.

**Frank B. Buck**, established in 1981 by his wife, to be awarded annually to a student of strong academic ability, financial need and demonstrated traits of a "competent giver."

**Buford Scholarship**, established in 1982.

**Sherry Jo Byars**, established in 1983, by W. Frank and Jo Byars in memory of their daughter. Awarded annually to outstanding students on the basis of academic ability, leadership, and service.

**Howard M. Davis**, established in 1984.

**Betty Jane Dimmitt Memorial**, established in 1983 by her family, to be awarded annually to Juniors and Seniors majoring in the fine arts.

**Jack Eckerd**, established in 1984.

**Kennedy Eckerd Athletic**, established in 1973, awarded annually to selected scholar athletes.

**Paul and Jane Edris Church and Campus**, established in 1985 by the First Presbyterian Church of Daytona Beach, Florida, in honor of their pastor and his wife. Awarded to students of academic distinction.



**Thomas Girolamo**, established in 1988 by Hilda Girolamo in memory of her husband, who was a member of the Eckerd College staff. Awarded on the basis of need to a Florida resident.

**Ben Hill Griffin, Jr.**, established in 1982 by Mr. Griffin who was a founding trustee of the college. Awarded annually to students with financial need, academic ability and leadership qualities.

**Alfred S. and Winifred H. Hodgson**, established in 1986, awarded annually to students with financial need.

**Home Federal Bank**, established in 1983, awarded annually to a Junior or Senior majoring in management who demonstrates financial need.

**Robert A. James Memorial**, established in 1983 by his family, to be awarded annually to a Freshman with outstanding academic ability, leadership skills, and exceptional performance in either tennis, golf, or cross-country.

**Howard M. Johnson**, established in 1975, awarded annually to outstanding students based on need.

**Elaine R. Kinzer Memorial**, established in 1987, awarded to students majoring in management or business with financial need.

**Max Klarin Memorial**, established in 1985, awarded annually to a student majoring in fine arts.

**Oscar Kreutz Church and Campus**, established in 1984, awarded to Presbyterian students with first preference to members of the First Presbyterian Church, St. Petersburg.

**Philip J. Lee**, established in 1989, in honor of the college's first chairman of the board of trustees.

**Colin Lindsey**, established in 1977.

**Margaret Fahl Lofstrand Memorial**, established in 1976 by her family to honor Margaret, who was a member of the founding class. Awarded annually to outstanding female students.

**Frida B. Marx Memorial**, established in 1984 by her husband. Annual award to student designated by Delta Phi Alpha, German honorary fraternity, for overseas study in Germany.

**Emily A. and Albert W. Mathison**, established in 1960, awarded on the basis of academic achievement, character, and financial need with preference given to students who are not Florida residents.

**Margaret Curry May**, established in 1964.

**Alfred A. McKethan**, established in 1985, to provide ten annual scholarships to outstanding students, no more than three of whom are in the same academic class. Awards are determined by academic performance, Christian character, and evidence of leadership.

**William McLaughlin Memorial**, established in 1984 by Nash Stublen. Awarded annually to students with financial need to support their participation in international education or other off campus programs.

**George F. and Asha W. McMillan**, established in 1959, awarded annually to a pre-ministerial student.

**Glenn W. Morrison Memorial**, established in 1969, awarded annually to a music student selected by the music faculty.

**Cade Nabers Memorial**, established in 1989, for a Junior literature major by Mr. and Mrs. John Nabers in memory of their son, a member of the Class of 1990.

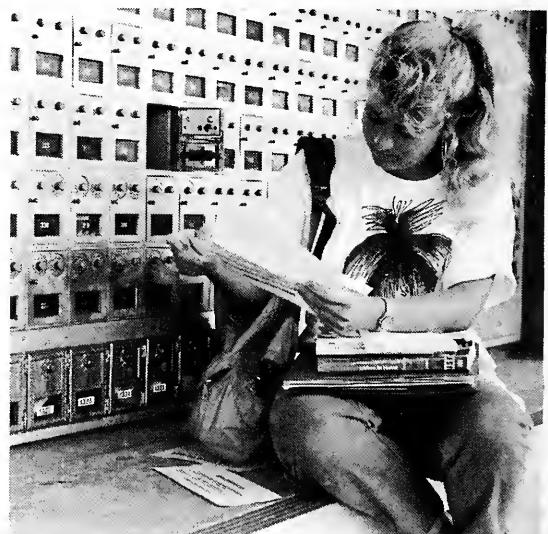
**Mary Dillard Nettles Scholarship**, established in 1991, awarded to Presbyterian students on the basis of need and merit. Preference is given to students majoring in music or art.

**Azalia P. Oberg**, established in 1976.

**John O'Flaherty ASPEC Memorial**, established in 1989, awarded annually to an outstanding Junior or Senior majoring in economics.

**Karim Said Petrou Memorial**, established in 1989, awarded annually on the basis of financial need.

**Dominick J. and Maude B. Potter**, established in 1978, awarded annually to outstanding students with demonstrated financial need from high schools in St. Petersburg, Florida.



**The Walter S. and Janet S. Pharr Church and Campus**, established in 1991, awarded to students with outstanding academic ability whose traits of character, leadership and service give promise of outstanding contributions to society, the church, and the religious and social life of the college.

**R.A. Ritter**, established in 1968, awarded annually with preference given to a son or daughter of an employee of the Ritter Finance Company of Wyncote, Pennsylvania; or to a student from Pennsylvania.

**Kathleen Anne Rome**, established in 1971, awarded annually to science students on the basis of scholastic aptitude, financial need, and compassion for humanity.

**Thelma and Maurice Rothman**, established in 1988, provides financial assistance to Jewish students with awards made on the basis of need and academic merit.

**Frank A. Saltsman**, established in 1983.

**Robert T. and Fran V.R. Sheen**, established in 1989, provides financial assistance to students majoring in business or management.

**Eugene and Donna Sitton**, established in 1985, provides annual scholarships for outstanding student athletes.

**Edna Sparling**, established in 1976.

**Frances Shaw Stavros**, established 1987, awarded annually on a competitive basis to outstanding students who are Florida residents with preference to children of employees who have had at least five years continuous employment with Better Business Forms, Better Business Systems, Inc., or Florida Progress Corporation.

**Ruth and Robert Stevenson**, established in 1964.

**Thomas Presidential**, established in 1973 by Mrs. Mildred Ferris, awarded annually on a competitive basis to the 20 most outstanding Freshmen.

**William W. Upham**, established in 1985 by a founding trustee of the college.

**J.J. Williams, Jr.**, established in 1959 by Mr. and Mrs. J.J. Williams, Jr. to support candidates for the Presbyterian ministry.

**Kell and Mary Williams Church and Campus**, established in 1985, awarded annually to an active and committed Christian student, with preference given to students preparing for full-time Christian service.

**Ross E. Wilson**, established in 1974.

**John W. Woodward Memorial**, established in 1967, awarded annually with preference given to students from Gadsden County, Florida.

**Bruce R. Zemp Memorial Honors**, established in 1983 by William and Noma Zemp in memory of their son. Awarded annually to Juniors majoring in management.

## **ECKERD COLLEGE MEMORIAL SCHOLARSHIPS**

Established to perpetuate the memory of alumni and friends who believed in the importance of a liberal arts education to our society.

**Elza Edwin and Gretchen R. Artman** (1969)

**Paul and Grace Creswell** (1962)

**Carl Peter Damm** (1963)

**Robert B. Hamilton** (1959)

**Hope Presbyterian Church** (1962)

**Lowery Howell** (1975)

**Al Lang and Katherine Fagen Lang** (1959), partial scholarships awarded annually to students from the St. Petersburg area who show exceptional promise and demonstrate financial need.

**William Bell Tippetts** (1960)

**Ross E. Wilson** (1974)

## **SCHOLARSHIPS SUPPORTED BY ANNUAL GIFTS AND GRANTS**

**Ebba Alm**, provides annual scholarship support for male students from Florida who are studying medicine. Preference is given to Dunedin and North Pinellas County.

**W. Paul Bateman**, first awarded in 1978, provides annual scholarships for outstanding male students.

**Chase Manhattan Bank**, provides financial aid to students majoring in business based on need and merit.

**Clearwater Central Catholic High School**, first awarded in 1981, to outstanding graduates of Central Catholic High School in Clearwater, Florida, made possible through gifts of an anonymous donor.

**Conn Memorial Foundation**, first awarded in 1973, based upon character, academic standing, and financial need.

**First Union National Bank Minority Scholarship**, provides financial assistance to minority students based on need and merit.

**GTE**, provides scholarships to minority students on the basis of financial need.

**Marriott Management Service**, awarded in memory of Colleen Barry, Kristin Riley, and Stacey Stamatades, Freshmen at Eckerd College who lost their lives in a 1985 automobile accident.

**Merchants Association**, first awarded in 1988.

**David Moss Memorial**, established by the Women of the Moorings, Moorings Presbyterian Church, to provide financial assistance to Presbyterian students based on need.

**Pepsi-Cola Bottling Company**, provides annual scholarships for students with financial need.

**Raymond James and Associates**, first awarded in 1986, provides annual scholarships for students majoring in business.

**Selby Foundation**, first awarded in 1968, to outstanding students from Florida, with preference given to residents of Sarasota and Manatee Counties.

**George and Karla Sherbourne**, first awarded in 1986, provides grants to needy students with preference given to residents of Sarasota County.

**David L. White Memorial**, was established by his grandparents, to provide financial assistance to a member of the sailing team based on need.

**Women of Rotary**, first awarded in 1988, for female students.

## **ENDOWED LOAN FUNDS**

**Joseph C. Beck**, established in 1987, provides loans to students with financial need.

**Helen Harper Brown**, established in 1988, provides loans to students with financial need.

## **LOAN FUNDS SUPPORTED BY ANNUAL GIFTS**

**Ben Hill Griffin, Jr.**, established in 1972, provides loans to students.

**Sidney N. Trockey**, established in 1979, provides loan to a Jewish student with financial need based on academic performance.

## **GRANT PROGRAMS**

Grants are non-repayable awards made to students on the basis of specific criteria or skills within the limits of demonstrated financial need. Two important sources of grant funds are the federal government and state governments.

## **PELL GRANTS**

These grants are awarded from federal funds by the Office of Education. Awards are based on need and range from approximately \$200 to \$2,400 depending on federal funding. Application is made through the submission of the FAF or FFS. The student will receive the Pell Student Aid Report at the student's home, and must submit the Student Aid Report to the Eckerd College Financial Aid office. The student's account will then be credited for the amount of the student's eligibility.

## **SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS**

These grants are awarded from federal funds and administered by the college. They are limited at Eckerd College to students with exceptional financial need. Application is made through the submission of the FAF or FFS form.

## **OTHER SOURCES OF AID**

### **VETERANS' BENEFITS**

Eckerd College is approved for the education and training of veterans, service members, and dependents of veterans eligible for benefits under the G.I. Bill. Students who may be eligible for V.A. benefits are urged to contact their local V.A. Office as soon as accepted by the college, and must file an application for benefits through the Office of the Registrar. No certification can be made until the application is on file. Since the first checks each year are often delayed, it is advisable for the veteran to be prepared to meet all expenses for about two months. There are special V.A. regulations regarding independent study, audit course, standards of progress, special student enrollment, dual enrollment in two schools, and summer enrollment. **It is the student's responsibility to inquire to the V.A. office concerning special regulations and to report any change in status which affects the rate of benefits.**

## **FLORIDA STUDENT ASSISTANCE GRANTS**

The Florida Student Assistance Grants (FSAG) are awarded on the basis of demonstrated financial need to one-year residents of Florida who attend college in the state. These grants may range up to a maximum of \$1,300, depending on the demonstrated need of the applicant and the availability of funds. For renewal the recipient must earn a 2.0 cumulative grade point average and complete 24 credit hours during the prior academic year. Application is made through the submission of the FAF or FFS by answering the Florida section and enclosing the appropriate fee.

## **TUITION EQUALIZATION VOUCHER**

The Tuition Equalization Voucher program was established by the State of Florida for residents of the state who enroll in private colleges or universities in Florida. The program provides up to \$1,100 per year regardless of financial need to help defray the cost of tuition at Eckerd College. To qualify, a student must have resided in Florida for at least one year and must maintain a 2.0 cumulative grade point average and complete 24 credit hours during the prior academic year. An application upon enrollment must be submitted to the Financial Aid office.

## **COLLEGE LEVEL ACADEMIC SKILLS TEST**

In order to be eligible to receive financial aid as Juniors and Seniors under programs funded by the State of Florida (Florida Student Assistance Grants, Tuition Equalization Vouchers, etc.), students who are Florida residents must pass the College Level Academic Skills Test (CLAST) by the end of the Sophomore year. More detailed information about CLAST is available from the Educational Assessment office.

## **ECKERD COLLEGE GRANTS**

These grants are available to students who rank in the upper one-half of their graduating class and demonstrate financial need. Achievement in various curricular and co-curricular activities is considered. Special consideration is given to the sons and daughters of Presbyterian ministers or missionaries in recognition of the institution's Presbyterian heritage and

relationships. Renewal of Eckerd College Grants requires a 2.0 cumulative grade point average.

## **LOAN PROGRAMS**

Many families whose current income and savings are not sufficient to finance college expenditures borrow funds through low interest educational loans to supplement their financing plans.

### **STAFFORD LOANS (formerly Guaranteed Student Loans)**

Stafford loans are available from local banks and lending agencies. Depending upon eligibility, Freshmen and Sophomores may borrow up to \$2,625 per year, and Juniors and Seniors may borrow up to \$4,000 per year not to exceed \$17,250 in their undergraduate work for educational expenses. Students must submit a FAF or FFS to establish eligibility. The interest is eight percent for new borrowers, and new borrowers have a six months grace period following termination of at least half-time school attendance before repayment must begin. Withdrawal from college for one semester will cause the six months grace period to lapse and repayments to fall due. Repayment following the termination of the grace period will be at least \$50 per month. The interest rate remains eight percent during the first four years of repayment, and increases to ten percent during the remaining years of repayment. Deferment from payment is allowed for the return to school full-time or for other specified conditions. Families interested in the program should contact the Financial Aid office or their local bank for a loan application and current information. The processing of Stafford Loan applications requires twelve to sixteen weeks.

### **PERKINS LOANS**

The Perkins Loan (formerly the National Direct Student Loan program) is administered by the college from federal and college funds. To qualify for a Perkins Loan, the student must apply to the college and demonstrate financial need. No interest will accrue until the beginning of the repayment period, nine months for new borrowers, following termination of at least half-time school attendance. Interest charges during the repayment period are only five percent per year on the unpaid balance.

## **PLUS LOANS**

Under this program parents may borrow up to \$4,000 per year to a total of \$20,000 for each child who is enrolled at least half-time. A separate application is required for certification by the Financial Aid office and submission to your lending institution. The interest rate is no more than twelve percent and repayment begins within sixty days of receipt of the proceeds of the loan. Parents of students who do not qualify for the Stafford Loan because of family income limitations usually qualify for the PLUS Loan. Additional information and applications are available in the Financial Aid office.

## **SLS LOANS**

Independent students may borrow up to \$4,000 per year to a total of \$20,000. Unlike Stafford borrowers, SLS borrowers do not have to show need. SLS borrowers usually must begin repayment within sixty days after the loan is disbursed. The interest rate is no more than twelve percent.

## **MONTHLY PAYMENT PROGRAMS**

Monthly payments may be arranged by the family through one of four different companies. Contact the Financial Aid office, Eckerd College for current information.

## **INSTITUTIONAL LOANS**

Eckerd College has limited loan funds available, usually for temporary emergency situations. For details, contact the Financial Aid office.

## **CHURCH, CIVIC, AND BUSINESS SCHOLARSHIPS**

In many local communities, scholarships are provided each year by various church, civic and business organizations to children of members, citizens, and employees. Students are encouraged to seek private scholarships. Information is available at your local library and in the Eckerd College Career Services and Financial Aid offices.

## **EMPLOYMENT**

The Career Services office assists students in finding part-time employment on or off campus. Preference is given to students who demonstrate financial need. Campus employment opportunities include work as a clerk or secretary, a food service employee, a custodian or maintenance worker, lifeguard, or a laboratory assistant. Information on off-campus jobs is available through the Career-Services office.

## **COLLEGE WORK-STUDY PROGRAM**

Students may qualify for this program on the basis of need by submitting an FAF or FFS, and may work on-campus seven to ten hours per week.

## **FLORIDA COLLEGE CAREER WORK EXPERIENCE PROGRAM**

A student who is a Florida resident enrolled full-time and who demonstrates need may qualify for this work program. Jobs are available off campus and must be career related. Wages and hours may vary; the State of Florida will reimburse the student's employer for fifty percent of the wages. The Career Services office will assist with placement and with the completion of a special contract.

## **RENEWAL CRITERIA**

Financial aid to a student at Eckerd College may be renewable on an annual basis. All Eckerd College grants and most aid from other sources require a minimum cumulative grade point average of 2.0 for renewal. A need analysis must be completed each year prior to **March 1** for the following academic year. All students who are eligible to return for a subsequent year (except international students requiring I-20 forms) are eligible for consideration for need-based financial aid. Awards from all sources may vary from year to year based upon criteria established by the college and other private or public agencies. Appeals for financial aid awards may be made in writing to the Financial Aid Appeals Committee.

# EXPENSES

Eckerd College is a private, non-tax-supported institution. Tuition and fees pay only a portion (approximately 62 percent) of the educational costs per student. Thanks to the support of donors, the balance of costs is paid from endowment income and gifts from individuals, the Presbyterian Churches, and various corporations.

The following schedules list the principal expenses and regulations concerning the payment of fees for the academic year 1992-93. All fees and expenses listed below are those in effect at the time of publication of the catalog. They are subject to change by the action of the Board of Trustees. When such changes are made, notice will be given as far in advance as possible.

## COMPREHENSIVE CHARGES

The annual fees for full-time students for the 1992-93 academic year include two semesters and one short term (autumn term for Freshmen, winter term for upperclassmen).

	Resident	Commuter
Tuition .....	\$13,675 <sup>1</sup>	\$13,675
Room and Board .....	3,500 <sup>2</sup>	
Total	\$17,175	\$13,675

<sup>1</sup>The full-time tuition fees cover a maximum of ten (10) course registrations plus one short term during the academic year provided that no more than five courses are taken per semester. Students registering for more than five courses per semester or ten courses per year plus a short term course will be charged an additional tuition of \$1,475 per course. A student registering for a year-long course may register for six courses in one semester and four in the other with no additional charges.

<sup>2</sup>Students with home addresses outside the immediate vicinity of the college are requested to live on campus. Exceptions to the requirement may be made with the approval of the Director of Housing. Since resident students are required to participate in the board plan, all resident students will be charged for both room and board.

A Students' Organization Fee of approximately \$150 per academic year is collected in addition to the above charges. Cost of books and supplies will be approximately \$500 per semester.

## TUITION AND TERM FEES

Tuition (full-time) per semester:	\$6,100
Tuition, autumn or winter term:	\$1,475
Students' Organization Fee, per year:	\$ 150

## ROOM AND BOARD

Room	Fall and short term	Spring
Double occupancy, each	\$ 855	\$ 675
Double room		
single occupancy	1,710	1,350
Single room	1,220	960

Base room rate (\$855 and \$675) has been included in Comprehensive Charges. Charges above the base rate for single occupancy of double room or for single room will be added to Comprehensive Charges.

Room Damage Deposit: \$50.00 This deposit is required in anticipation of any damage which may be done to a dormitory room. If damage is in excess of the deposit, the balance will be charged to the student's account. Any balance left of the deposit will be refunded to the student upon leaving college.

Board	Fall and short term	Spring
21 meal plan:	\$1,105	\$865
15 meal plan:	1,010	790
10 meal plan:	890	700

## FEE FOR PART-TIME STUDENTS

Tuition per course:	\$1,475
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Students are considered part-time when they enroll for fewer than three courses per semester.

## OVERLOAD FEE

Tuition per course:	\$1,475
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Fee for students enrolling in more than five courses per semester or ten courses per year plus a short term.

## AUDITOR'S FEE

Tuition per course (no credit or evaluation)	\$360
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Full-time students may audit courses without fee with the permission of the instructor.

## **FEES FOR SPECIAL PRIVILEGE**

Late payment after registration day:

**A FINANCIAL CHARGE WILL BE ASSESSED ON ALL OUTSTANDING BALANCES AFTER REGISTRATION DATE.**

The rate will be variable quarterly to 4.5% above the 13-week Treasury Bill rate.

Late physical examination (for new students who have not had physical examination by registration day): \$50.

## **MISCELLANEOUS FEES**

**Acceptance Fee** (new students): \$100.

A fee required of new students upon acceptance by Eckerd College. This fee is not refundable and will be applied against the comprehensive charge.

**Application Fee** (new students): \$25.

This fee accompanies the application for admission submitted by new students.

**Credit by Examination Fee:** \$740.

A fee for an examination to determine proficiency in a particular subject to receive course credit.

### **Health and Accident Insurance**

All students must have health and accident insurance coverage in order to be enrolled in the college. They must either show proof of insurance or sign up for the student insurance plan available to them through the college for a fee.

**Lost Key Fee:** \$40.

Resident students are issued keys to their rooms. The fee for replacing a lost key is \$40.

**Orientation Fee** (Freshmen only): \$75.

This fee partially covers the additional cost of special orientation activities provided for Freshmen.

**Re-Examination Fee:** \$190.

A fee for a re-examination of course material.

**Transcript Fee:** \$2.

There is a \$2 charge per transcript.

**Transfer Students Orientation Fee:** \$25.

### **Applied Music Fees:**

These fees apply even though music lessons are not taken for credit, and are fees in addition to regular tuition charges.

	<b>Semester</b>	<b>Year</b>
One hour per week	\$500	\$1000
One half hour per week	\$250	\$ 500

## **STUDENT INSURANCE**

All students must provide proof of health/accident insurance coverage by registration date. If proof of coverage is not provided you will be required to purchase the school insurance which **will be charged to your student account automatically after registration.**

**It is mandatory for all international students to purchase insurance coverage from the school. Your student account will be billed automatically after registration.**

## **HEALTH AND ACCIDENT INSURANCE FOR INTERNATIONAL STUDENTS**

Occasionally international students, while studying at Eckerd College, will require medical attention through local doctors, hospitals and clinics. To protect our international students from large medical bills while they are students at Eckerd, we require that all international students subscribe to a Health and Accident Insurance Policy. The cost of this insurance policy is \$150 per year.\* The cost will be added to the college bill of the international student, and will be due and payable at the time of registration at Eckerd College. The coverage available through this policy protects the student for the full twelve months of the calendar year. The policy premium must be paid at registration for the first term at which the student arrives at Eckerd College, and then at registration for each subsequent fall semester.

\*This amount is subject to change.

## METHODS OF PAYMENT

Students should come prepared to pay all charges on the day of registration or should have payments from home mailed to reach the Eckerd College business office at least **two weeks** prior to the date of registration. No student shall be permitted to register for a given semester until all indebtedness for prior terms has been paid in full.

Students who have unpaid bills at the college are subject to dismissal from the college and, as long as such payments remain unpaid, may not receive transcripts of credit or any diploma.

Eckerd College does not have a deferred payment plan. Students desiring monthly payment plans must make arrangements through one of the following companies.

American Management Services, Inc.  
50 Vision Boulevard  
East Providence RI 02914  
800/556-6684

Manufacturers Hanover  
Tuition Plan  
57 Regional Drive  
Concord, NH 03301  
800/258-3640

All arrangements and contracts are made directly between the parent and the tuition financing company.

## POLICY ON REFUNDS

Students withdrawing within 25 days of the first class of any semester for reasons approved by the college will receive tuition refunds for that semester as follows:

Within 7 days .....	75%
Within 15 days .....	50%
Within 25 days .....	25%
After 25 days .....	no refund

Students withdrawing within 15 calendar days of the first class day of any short term (autumn term or winter term) will receive tuition refunds for that term as follows:

Within 7 days .....	50%
Within 15 days .....	25%
After 15 days .....	no refund

Room charges for resident students are not refundable. Unused portion of meal tickets will be refunded on a pro-rata basis.

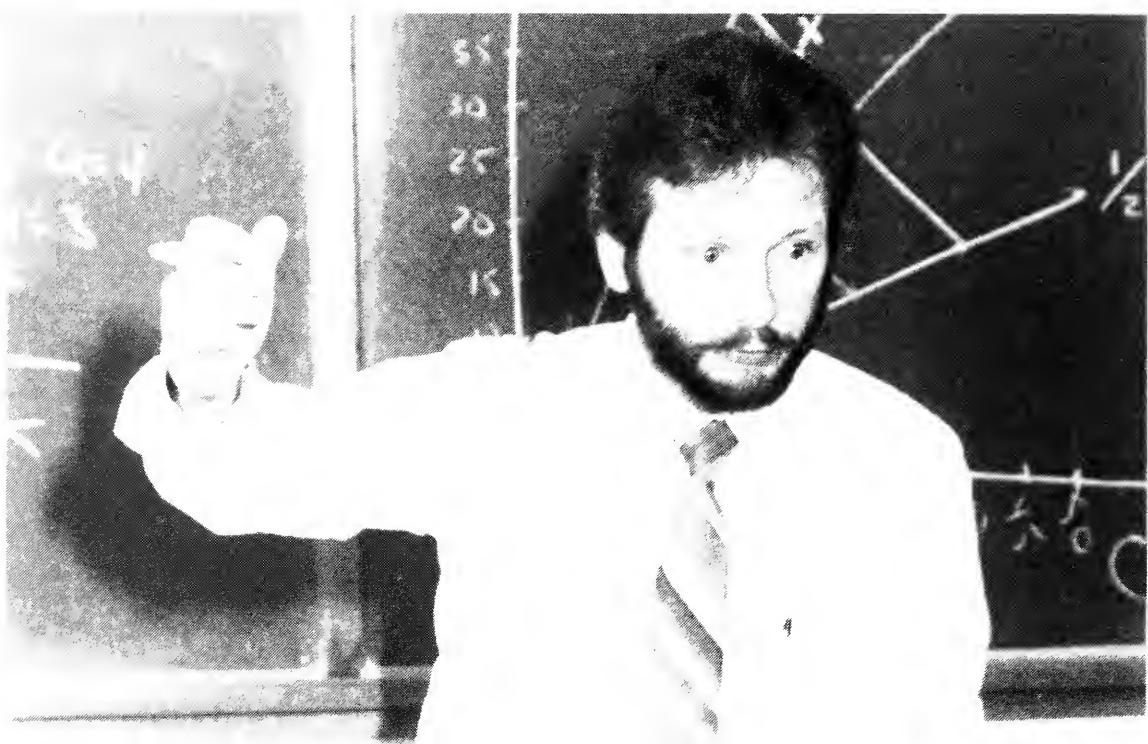
Whenever a student is required to withdraw because of unsatisfactory conduct, no refund will be made.

No refunds will be made to withdrawing students until the withdrawal process is completed.

## WITHDRAWAL AND REFUND OF AID TO FEDERAL AND ECKERD COLLEGE FINANCIAL AID ACCOUNTS

If a student's withdrawal from Eckerd College results in cancelled charges of tuition, fees, or meals and if financial aid has been used to pay all or any portion of the charges, the federal financial aid programs from which the funds were awarded will be refunded first according to federal regulations. **Also, if a student withdraws at any time during a semester, all Eckerd College grants/scholarship funds will be restored 100 percent to the college accounts.** The above policies will likely result in a financial obligation. Also each student on financial aid who withdraws must contact the Eckerd College Student Loan office to finalize any institutional loan or financial obligation and participate in a loan exit interview. Likewise, each student on financial aid who withdraws must contact the Financial Aid office for a Stafford Loan or a Supplemental Student Loan (SLS) Exit Interview.





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# CALENDAR OF EVENTS 1992-93

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## AUTUMN TERM

Fri., Aug. 14	Freshmen arrive. Financial clearance and registration before 3:00 p.m.
Sat., Aug. 15	Autumn term begins
Wed., Aug. 26	Completed Freshman preference sheets for fall semester courses are returned to Registrar
Thurs., Sept. 3	Residence houses open at 9:00 a.m. for new students for fall semester
Fri., Sept. 4	Orientation for new students
Sat., Sept. 5	End of autumn term

## FALL SEMESTER

Sat., Sept. 5	Residence houses open to returning upperclass students at 9:00 a.m.
Mon., Sept. 7	New students: Mentor assignment, registration
Tues., Sept. 8	Registration and financial clearance for fall semester
Wed., Sept. 9	Fall semester begins at 8:00 a.m.
Wed., Sept. 9	Opening Convocation, 1:30 p.m.
Thurs., Sept. 17	End of drop/add period for fall semester courses
Fri., Oct. 16	All students fill out preference sheets for winter term and return them to the Registrar
Fri., Oct. 30	Last day to withdraw from fall semester courses with W grade, or change from audit to credit
Wed., Nov. 11	All students fill out preference sheets for spring semester courses and return them to the Registrar
Thurs.-Fri., Nov. 26-27	Thanksgiving holiday; no classes
Fri., Dec. 11	Last day of classes
Mon.-Fri., Dec. 14-18	Examination period
Sat., Dec. 19	Christmas recess begins. Residence houses close at noon

## WINTER TERM

Sun., Jan. 3	Residence houses open at noon
Mon., Jan. 4	Financial clearance for all new students. New student registration/orientation for winter term. <b>Returning students are not registered until they check in with Registrar</b>
Tues., Jan. 5	Winter term begins. <b>All projects meet first day of winter term</b>
Wed., Jan. 6	Last day to enter winter term; end of drop/add period; last day to change project or withdraw from winter term with W grade
Thurs.-Fri., Jan. 28-29	First comprehensive examination period
Fri., Jan. 29	Winter term ends

## SPRING SEMESTER

Sun., Jan 31	Residence houses open at noon
Mon., Feb. 1	New and returning students arrive. New student orientation. Financial clearance and registration for spring semester, all students
Tues., Feb. 2	Spring semester begins at 8:00 a.m.
Thurs., Feb. 11	End of drop/add period for spring semester courses
Sat., Mar. 20	Spring recess begins. Residence houses close at 5:00 p.m.
Mon., Mar. 29	Residence houses reopen at 9:00 a.m.
Tues., Mar. 30	Classes resume at 8:00 a.m.
Fri., Apr. 2	Last day to withdraw from spring semester courses with W grade, or change from audit to credit
Thurs., Apr. 8	Mentor conferences and contracts for 1993-94
Fri., Apr. 9	Good Friday, no classes
Wed., Apr. 14	All students fill out preference sheets for fall semester courses, 1993 and return them to the Registrar
Thurs.-Fri., Apr. 22-23	Second comprehensive examination period
Fri., May 14	Last day of classes
Mon.-Fri., May 17-21	Examination period
Sat., May 22	Baccalaureate
Sun., May 23	Commencement
Mon., May 24	Residence houses close at 4:00 p.m.

## SUMMER TERM

May 31-July 23	Summer Term
May 31-June 25	Session A
June 28-July 23	Session B

# CALENDAR OF EVENTS 1993-94

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## AUTUMN TERM

Fri., Aug. 13	Freshmen arrive. Financial clearance and registration before 3:00 p.m.
Sat., Aug. 14	Autumn term begins
Wed., Aug. 25	Completed Freshman preference sheets for fall semester courses are returned to Registrar
Thurs., Sept. 2	Residence houses open at 9:00 a.m. for new students for fall semester
Fri., Sept. 3	Orientation for new students
Sat., Sept. 4	End of autumn term

## FALL SEMESTER

Sat., Sept. 4	Residence houses open to returning upperclass students at 9:00 a.m.
Mon., Sept. 6	New Students: Mentor assignment, registration
Tues., Sept. 7	Registration and financial clearance for fall semester
Wed., Sept. 8	Fall semester begins at 8:00 a.m.
Wed., Sept. 8	Opening Convocation, 1:30 p.m.
Thurs., Sept. 16	End of drop/add period for fall semester courses
Fri., Oct. 15	All students fill out preference sheets for winter term and return them to the Registrar
Fri., Oct. 29	Last day to withdraw from fall semester courses with W grade, or change from audit to credit
Wed., Nov. 10	All students fill out preference sheets for spring semester courses and return them to the Registrar
Thurs.-Fri., Nov. 25-26	Thanksgiving holiday; no classes
Fri., Dec. 10	Last day of classes
Mon.-Fri., Dec. 13-17	Examination period
Sat., Dec. 18	Christmas recess begins. Residence houses close at noon

## WINTER TERM

Sun., Jan. 2	Residence houses open at noon
Mon., Jan. 3	Financial clearance for all new students. New student registration/orientation for winter term. <b>Returning students are not registered until they check in with Registrar</b>
Tues., Jan. 4	Winter term begins. <b>All projects meet first day of winter term</b>
Wed., Jan. 5	Last day to enter winter term; end of drop/add period; last day to change project or withdraw from winter term with W grade
Thurs.-Fri., Jan. 27-28	First comprehensive examination period
Fri., Jan. 28	Winter term ends

## SPRING SEMESTER

Sun., Jan. 30	Residence houses open at noon
Mon., Jan. 31	New and returning students arrive. New student orientation. Financial clearance and registration for spring semester, all students
Tues., Feb. 1	Spring semester begins at 8:00 a.m.
Thurs., Feb. 10	End of drop/add period for spring semester courses
Sat., Mar. 26	Spring recess begins. Residence houses close at 5:00 p.m.
Mon., Apr. 4	Residence houses reopen at 9:00 a.m.
Tues., Apr. 5	Classes resume at 8:00 a.m.
Wed., Apr. 6	Last day to withdraw from spring semester courses with W grade, or change from audit to credit
Thurs., Apr. 7	Mentor conferences and contracts for 1994-95
Wed., Apr. 13	All students fill out preference sheets for fall semester courses, 1994 and return them to the Registrar
Thurs.-Fri., Apr. 21-22	Second comprehensive examination period
Fri., May 13	Last day of classes
Mon.-Fri., May 16-20	Examination period
Sat., May 21	Baccalaureate
Sun., May 22	Commencement
Mon., May 23	Residence houses close at 4:00 p.m.

## SUMMER TERM

May 30-July 22	Summer Term
May 30-June 24	Session A
June 27-July 22	Session B

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## DISTINGUISHED SPEAKER SERIES



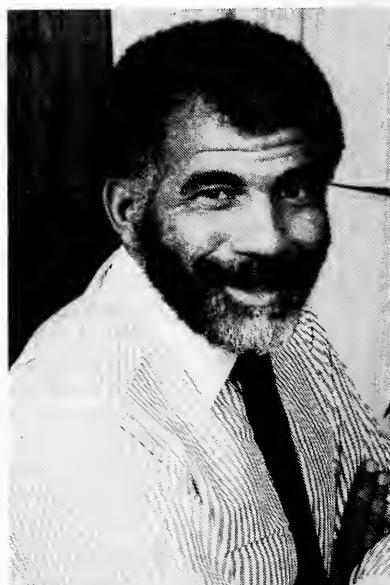
Coretta Scott King



Benazir Bhutto



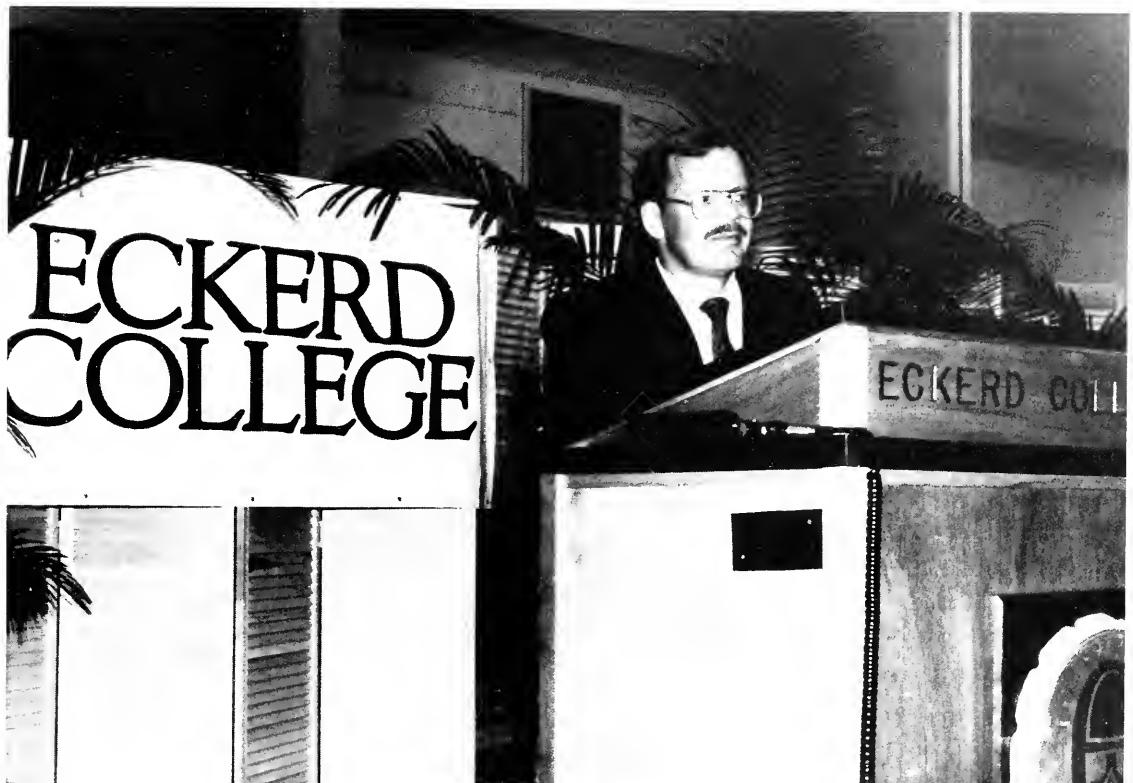
Jimmy Carter



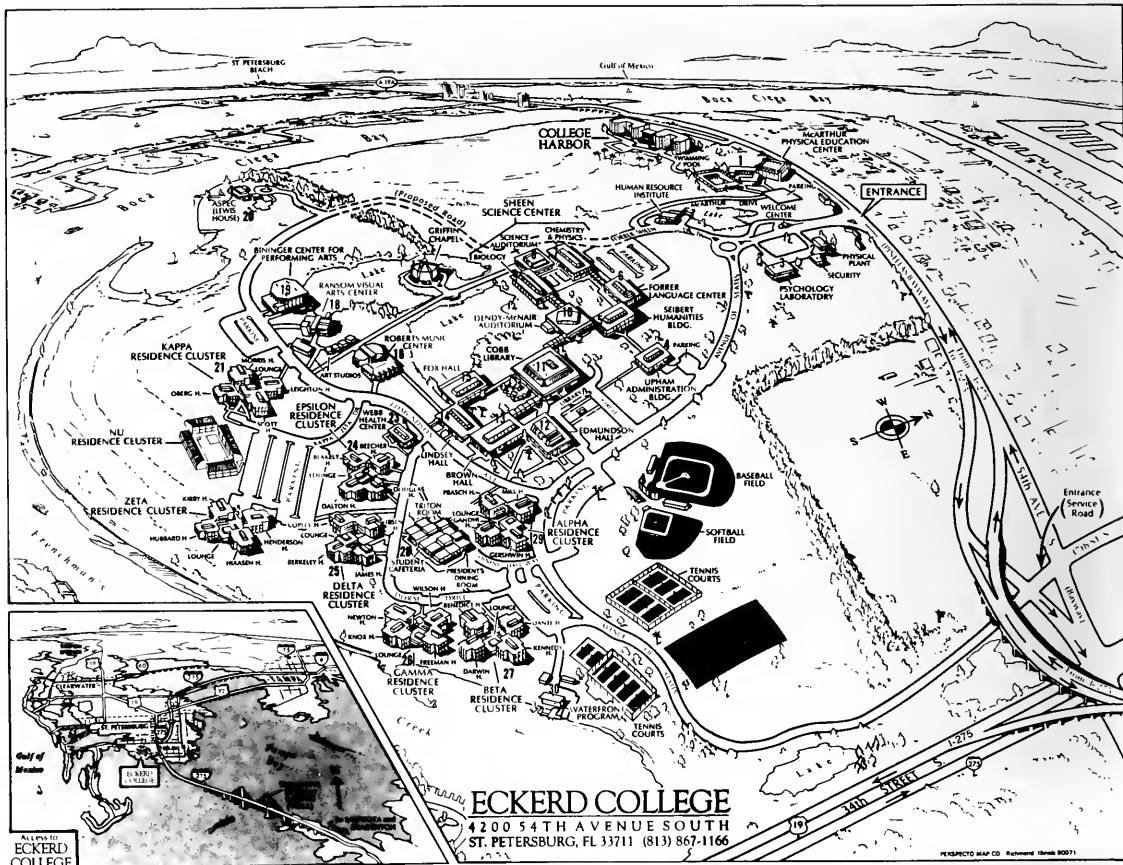
Ed Bradley



Lesley Stahl



Terry Anderson



Only from a campus visit can you judge if the school and your expectations "fit."

Plan to take a campus tour, sit in on a class, visit with our professors and students, and take time to see the area.

Also, try to visit when classes are in session. Check the academic calendar before planning your visit. We ask only one thing of you: give us some advance notice of your arrival — a few days is fine. Call us or drop us a line — the Admissions staff will be happy to work with you.

The Admissions office is open from 8:30 a.m. to 5:00 p.m. on weekdays; from 9:00 a.m. to noon on Saturday; summer hours are weekdays 8:30 a.m. to 5:00 p.m.

For best results, please direct all correspondence prior to your acceptance to the Dean of Admissions.





## CORRESPONDENCE DIRECTORY

For prompt handling, please address inquiries as indicated below:

**Academic Affairs** *Dean of Faculty*

**Adult Programs** *Dean of Special Programs*

**Admissions** *Dean of Admissions*

**Alumni Relations** *Director of Alumni Relations*

**Business Affairs** *Vice President for Finance*

**Church Relations** *Director of Church Relations*

**Events at the College** *Director of Public Relations*

**Financial Aid to Students** *Director of Financial Aid*

**Financial Assistance to the College** *Vice President for Development*

**Payment of Fees** *Student Accounts*

**Student Housing** *Student Interests and Counseling* *Dean of Students*

**Summer School** *Coordinator, Summer School*

**Transcripts, Grades, and Academic Achievement** *Registrar*

Visitors are welcome to Eckerd College. The administration offices are open Monday through Friday from 8:30 to 5:00. Visitors desiring interviews with members of the staff are urged to make appointments in advance.

## ECKERD COLLEGE

4200 - 54th Avenue South, P.O. Box 12560, St. Petersburg, Florida 33733  
Telephone (813) 867-1166 or (800) 456-9009 (Admissions)

ECKERD  
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ST. PETERSBURG, FLORIDA